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ABSTRACT

Volume II of a two-volume annotated bibliography presents resumes of research and exemplary and innovative program projects that were administered by the state departments of education during fiscal years 1970-1977. The projects described in Volume II were supported with funds authorized by Section 131(b) of Part C and Section 142(d) of Part D of the Vocational Education Amendments of 1968 (Public Law 90-576). Following the introduction, the resumes are arranged alphabetically by state and grouped by fiscal year within each part of the legislation under which funding was obtained. The information provided for each project includes the title, project director and organization, funding period, state contract or control number, and an annotation focusing on project objectives. Volume I, published in January 1979, contains information on research, exemplary and innovative program projects, curriculum development projects, and bilingual vocational training programs that were administered by the Bureau of Occupational and Adult Education, U.S. Office of Education. (Author)

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RESEARCH AND DEVELOPMENT PROJECTS IN VOCATIONAL EDUCATION, FY 1970-1977

An Annotated Bibliography

Volume II. State-Administered Projects

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January 1980

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U S DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

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Contractor:	The National Center for Research in Vocational Education The Ohio State University Columbus, Ohio 43210
Executive Director:	Robert E. Taylor
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THE NATIONAL CENTER MISSION STATEMENT

The National Center for Research in Vocational Education's mission is to increase the ability of diverse agencies, institutions, and organizations to solve educational problems relating to individual career planning, preparation, and progression. The National Center fulfills its mission by:

- Generating knowledge through research
- Developing educational programs and products
- Evaluating individual program needs and outcomes
- Installing educational programs and products
- Operating information systems and services
- Conducting leadership development and training programs

ABSTRACT

Volume II of a two-volume annotated bibliography presents resumes of research and exemplary and innovative program projects that were administered by the state departments of education during fiscal years 1970-1977. The projects described in Volume II were supported with funds authorized by Section 131(b) of Part C and Section 142(d) of Part D of the Vocational Education Amendments of 1968 (Public Law 90-576). Following the introduction, the resumes are arranged alphabetically by state and grouped by fiscal year within each part of the legislation under which funding was obtained. The information provided for each project includes the title, project director and organization, funding period, state contract or control number, and an annotation focusing on project objectives. Volume I, published in January 1979, contains information on research, exemplary and innovative program projects, curriculum development projects, and bilingual vocational training programs that were administered by the Bureau of Occupational and Adult Education, U.S. Office of Education. It is available in ERIC as ED 170 532.

FOREWORD

The National Center Clearinghouse is responsible for providing information on research and development projects in vocational education. This is Volume II of a two-volume annotated bibliography which provides a comprehensive record of state and federally administered research and development projects supported by vocational education legislation during fiscal years 1970-1977. Beginning with fiscal year 1978, the bibliography will be updated each year through publication of annual reports of funded projects.

We wish to thank the state research coordinating units and staff of the Division of Research and Demonstration, Bureau of Occupational and Adult Education, U.S. Office of Education, for providing project information.

The following Clearinghouse staff are recognized for their efforts in compiling this volume: Wesley E. Budke, Clearinghouse director; Ruth Gordon, project manager; and Wayne Clapp, acquisitions coordinator. Editors were Wallis Harsch, Paula Kurth, Craig Packard, and Diane Shook. Annotations were prepared by Betty Leeke, Laurian Miguel, Lois Ann Sellers, Jodie Shagrin, and Joseph Sperry. Shirley Prickett prepared the bibliographic citations, and Martha Gavin and Jeanine Owen provided clerical support.

Sandra Hixson supervised the preparation of camera-ready copy at ORI, Inc.

Robert E. Taylor
Executive Director
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INTRODUCTION

PURPOSE

This two-volume annotated bibliography is a resource for identifying the research, exemplary, and curriculum development projects and bilingual training programs supported by vocational education legislation in fiscal years 1970-1977. This second volume contains resumes of research and exemplary projects administered by the state departments of education. Volume I, published in January 1979, contains resumes of projects administered by the Bureau of Occupational and Adult Education, U.S. Office of Education.

The bibliography provides a comprehensive record of vocational education projects for the eight-year period. Researchers will find the bibliography useful for obtaining information for impact and evaluation studies.

AUTHORIZING LEGISLATION

The state-administered projects described in this volume were funded under the authority of the Vocational Education Amendments of 1968 (Public Law 90-576), Section 131(b) of Part C and Section 142(d) of Part D. These sections are described below:

Part C. Research

Half of the annual appropriation for Part C of the Vocational Education Amendments of 1968 was allocated to the states and territories on the basis of a population formula prescribed in Public Law 90-576; the other half was administered at the federal level. The total funding appropriated for state use under Section 131(b) of Part C amounted to $17,872,215 in fiscal year 1971 and $9 million in each succeeding fiscal year. Funds allocated to each state could be used for paying up to 75 percent of the costs of state research coordinating units and for grants and contracts covering 90 percent of the costs of research projects, applied and developmental studies, curriculum development, demonstrations, evaluations, and dissemination. States could carry over unused fiscal year funds and obligate them in the next fiscal year.

Part D. Exemplary

Part D funds were divided equally between state-administered and federally administered projects. Funds were allocated to the states on the basis of a formula prescribed in Public Law 90-576. The total funding allocated for state use under Section 142(d) of Part D was $6.5 million in fiscal year 1970 and $8 million in each succeeding fiscal year. Part D funds could be provided to local education agencies, colleges and universities, and other public and private organizations through contracts and grants to develop, establish, and operate exemplary and innovative occupational education programs or projects designed to serve as models for use in vocational education programs.

Funding under Parts C and D ended with passage of the Education Amendments of 1976 (Public Law 94-482). Since fiscal year 1978, state-administered projects have been supported under sections 131 (research), 132 (exemplary), and 133 (curriculum development) of this law and are announced in the "Projects in Progress" section of *Resources in Vocational Education* (RIVE).

BACKGROUND

This annotated bibliography is a compilation of the 6,668 project resumes for the eight-year period, 1970-1977. A project is defined as a contract or grant award for a specific period of time. Therefore, a program for which funds were received in more than one year has a separate entry for each year the program was funded.

The primary source for identifying projects was master lists of state-administered projects published annually by the U.S. Office of Education. These publications are cited in the list of references. The master lists provide the title, contractor or grantee, and funds obligated for each project. These lists were assumed to be complete and accurate unless they were specifically revised by a state. Such revisions were incorporated into the master list for that state.

Information for preparing the resumes was obtained from resumes published in the "Projects in Progress" section of *Resources in Vocational Education* (RIVE), *Abstracts of Instructional and Research Materials in Vocational and Technical Education* (AIM/ARM), or *Abstracts of Research and Related Materials in Vocational and Technical Education* (ARM) and from proposals, project abstracts, or final reports requested from state research coordinating units. About 23 percent of the resumes do not have annotations because the proposal or proposal abstract containing descriptive information was not available to National Center Clearinghouse staff.

Guidelines for preparing the project resumes were adapted from the ERIC processing manual. Project titles were published as provided and were not edited to conform to style used in the annotations. ORI, Inc., Bethesda, Maryland, provided photocomposition services.

HOW TO USE THIS VOLUME

Each resume announced in this bibliography includes the title, project director and organization, funding period, and an annotation focusing on project objectives. (See sample resume on page xx.)

The project resumes are grouped within states by Part C (research) and Part D (exemplary), and by fiscal year within each part. (Please examine the table of contents.) States did not receive funding for Part C projects in 1970.

Because this bibliography is organized as a state-by-state listing and does not have a subject, author, or institutional index, readers can locate a project most easily if they know the state and the approximate fiscal year. If only the project title or author is known, without any reference to a state or year, the only procedure for locating the project description is to systematically scan the entire bibliography.

Additional information about specific projects can be found in several ways. The primary source for further information is state research coordinating units. (A current list of state research coordinating unit directors is provided on the following pages.) Researchers may also contact project directors if their names are provided.

Many final reports of these projects are indexed in AIM/ARM or ERIC. However, the reader should be aware that titles in these indexes may differ from titles used in this volume and that project directors listed in this volume may not appear as the authors of the final reports. Searches can be made by using institution or subject indexes for ERIC or by using subject indexes for AIM/ARM.

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SAMPLE PROJECT RESUME

PUBLICATION SEQUENCE NUMBER → SB004623

Accession numbers for projects announced in AIM/ARM and RIVE *

VTP-2877 ←

TITLE → An Investigation of Job Opportunities for Medical Secretaries.

PROJECT DIRECTOR → Project Director: Stampien, Elaine F.

ORGANIZATION → Organization: Riverside School District, Taylor, Pa.

FUNDING PERIOD → Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

CONTRACT OR STATE CONTROL NUMBER → Contract and/or Control No: 19-6819

ANNOTATION →

This project will determine the current job opportunities and job requirements for beginning medical secretaries in Lackawanna and Luzerne counties. Procedures will include visiting and researching the prime job market area for potential medical secretarial graduates of Riverside Junior-Senior High School, visiting Hershey and Geisinger Medical Centers and Robert Packer Hospital, and course formulation research.

*Resumes of projects with VTP numbers were published in the "Projects in Progress" section of AIM, ARM, AIM/ARM, and *Resources in Vocational Education.* These publications provide detailed project descriptions.

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Resumes of Funded Projects

ALABAMA

Part C

Fiscal Year 1971

SB000001 **VTP-014**

Project to Define Computer Requirements for Vocational Education in Alabama.
Organization: General Research Corp., Huntsville, Ala.

A three-phase program will describe the need for computer education in Alabama, including a survey to define the job opportunities and descriptions of data processing curriculums; establish computer system specifications required and outline procedures for personnel selection and training; and advise the Division of Vocational Education in evaluating and projecting total costs.

SB000002 **VTP-030**

Development of an Industrial Development Training Program for Alabama.
Project Director: Weatherly, Paul K.
Organization: Harper, Cotton, and Little, Inc., Charlotte, N. C.
Funding Period: Start Date 25 Jan 71; End Date 30 Jun 72

The primary objective will be to enable a contractor to establish a program to effectively and practically meet the needs of new manufacturers. The project will be undertaken in four phases: design; implementation (staff recruitment, training, and evaluation); provision of necessary equipment; and establishment of manpower resources, inventory, and recruiting systems.

SB000003 **VTP-058**

A Study to Redefine the Management Organization of the Vocational Division of the Alabama State Department of Education.
Project Director: MacFarlane, Ian
Organization: Fry Consultants, Inc., Atlanta, Ga.
Funding Period: Start Date 30 Mar 71; End Date 15 May 71

The project will redefine the scope of the organization of the Vocational Division of the Alabama State Department of Education. An organization planning review will be conducted, and a recommended plan will be submitted.

SB000004 **VTP-303**

Career Education Counseling: A Study of Counselor Competencies Required for Maximum Career Development Assistance to Vocational Education Students.
Project Director: Joslin, Leeman C.
Organization: Alabama Univ., University.
Funding Period: Start Date 25 Aug 71; End Date 31 May 72

The objectives of the project are to develop a concept of career counseling consistent with career education, define competencies to carry out the counseling function, and assess current counselor education curricula. A review of the literature of vocational psychology and career education will be conducted, along with a study of the present functioning of counselors.

SB000005 **VTP-542**

Inter-State Distributive Education Curriculum Consortium.
Project Director: Riggs, Anacile
Organization: Alabama State Dept. of Education, Montgomery.
Funding Period: Start Date 15 Jan 72; End Date 1 Oct 73

The aim of this project is to develop through a consortium an evaluation system to determine individual student performance in behavioral objectives. The chairmen and assistant chairmen of the ten states will identify the format for developing the competency packets and will identify the 100 areas to be developed by each of the states.

SB000006 **VTP-538**

An Analysis of Alabama's Technical Institute System.
Project Director: Weatherly, Paul K.
Organization: Harper, Cotton, and Little, Inc., Ala.
Funding Period: Start Date 15 Jan 72; End Date 1 Jul 73

The primary objectives of this project are to conduct an analysis of the Alabama Technical Institute system and recommend methods of increasing enrollment, making programs more effective, obtaining more efficient utilization of tax dollars, and determining the role and image of technical institutes in the state's post-high school educational system.

SB000007 **VTP-443**

A Proposal for a Program Planning Study of the State and Local Vocational Education System of Alabama.
Project Director: Arnold, Walter M.
Organization: Arnold (Walter M.) Associates, Inc., Arlington, Va.
Funding Period: Start Date 10 Jan 72; End Date 30 Jun 73

A planning team will identify and analyze the occupational training needs of residents and employers through the current and projected manpower requirements. Scope and direction of existing programs and services will be analyzed and evaluated. The planning team will collaborate with the vocational educators to establish program objectives, identify program alternatives to satisfy unmet needs, and determine the extent and cost of any new or expanded facilities and programs.

Fiscal Year 1972

SB000008

An Analysis of Alabama's Technical Institute System.
Organization: Harper, Cotton, and Little, Inc., Ala.

Descriptive information unavailable.

SB000009 **VTP-443**

A Proposal for a Program Planning Study of the State and Local Vocational Education System of Alabama.
Project Director: Arnold, Walter M.
Organization: Arnold (Walter M.) Associates, Inc., Arlington, Va.
Funding Period: Start Date 10 Jan 72; End Date 30 Jun 73

A planning team will identify and analyze the occupational training needs of residents and employers through the current and projected manpower requirements. Scope and direction of existing programs and services will be analyzed and evaluated. The planning team will collaborate with the vocational educators to establish program objectives, identify program alternatives to satisfy unmet needs, and determine the extent and cost of any new or expanded facilities and programs.

Fiscal Year 1973

SB000010

An Analysis of Alabama Technical Institute System.
Organization: Harper, Cotton, and Little, Inc., Ala.

Descriptive information unavailable.

SB000011

A Program Planning Study of the State and Local Vocational Education/System in Alabama.
Organization: Arnold (Walter M.) Associates, Inc., Arlington, Va.

Descriptive information unavailable.

Fiscal Year 1974

SB000012

Vocational-Technical Education of States: To Develop Curriculum Objectives (V-TECS).
Organization: Vocational Technical Consortium of States, Atlanta, Ga.

Descriptive information unavailable.

SB000013 **VTP-1602**

Development and Implementation of a Statewide Vocational Education Terminee Follow-Up System for Alabama.
Project Director: Drake, James Bob
Organization: Auburn Univ., Ala. Dept. of Vocational and Adult Education.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objectives of this project are to develop and implement a preparatory system consisting of surveys of occupational patterns, terminee satisfaction, employee satisfaction, and curriculum adequacy; develop follow-up instruments; develop computer programs to process survey data; develop a follow-up system to be used for federal reporting; and develop follow-up reports to be returned to each instructor.

Fiscal Year 1975

SB000014

Development and Implementation of a Statewide Vocational Education Terminee Followup System for Alabama.
Organization: Auburn Univ., Ala.

Descriptive information unavailable.

Fiscal Year 1976

SB000015

Development and Implementation of a Statewide Vocational Education Terminee Follow-Up System for Alabama.
Organization: Auburn Univ., Ala. Occupational Research and Development Unit.

Descriptive information unavailable.

SB000016

Vocational-Technical Education of States: To Develop Curriculum Objectives.
Organization: Vocational Technical Consortium of States, Atlanta, Ga.

Descriptive information unavailable.

Fiscal Year 1977 - No Projects Reported

Part D

Fiscal Year 1970

SB000017

Vocational and Compensatory Education Curriculum for the Rehabilitation of Socially and Economically Deprived Youth.
Project Director: Gregg, Murry C.
Organization: Jefferson County Board of Education, Birmingham.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The primary purpose of this project is to provide vocational and compensatory education to socially and economically deprived (SED) youth in four schools. Specific objectives include providing vocational evaluation, counseling, and instruction to SED youth; demonstrating a school-community program in which SED youth may gain vocational maturity; and remedying deficiencies in students' prior education through compensatory education.

SB000018

Interdisciplinary Approach to Career Development through a High School Program of Occupational Education.
Project Director: Ellison, William E.
Organization: Russellville City Board of Education, Ala.
Funding Period: Start Date 1 Mar 70; End Date 28 Feb 73

The purpose of this four-year program is to demonstrate the functional principles and practices related to use of the interdisciplinary approach to teaching occupational education by vocational educators and guidance counselors in a secondary school setting. Specific objectives are to provide student counseling services, an occupational information program, and an interdisciplinary instructional program.

SB000019

A Sheltered Work Experience Centered Vocational Curriculum for Low Achieving Students.
Project Director: Berryman, William C.
Organization: Sylacauga City Board of Education, Ala.
Funding Period: Start Date 1 Mar 70; End Date 28 Feb 73

The purpose of this three-year program is to retain potential dropouts until they develop salable employment skills and acquire basic skills and understandings essential to civic and social responsibility. Sixty educationally or socioeconomically disadvantaged students between thirteen and sixteen will be enrolled in a program of intensive guidance services and basic or compensatory education combined with sheltered work experience.

Fiscal Year 1971

SB000020

Vocational and Compensatory Education Curriculum for the Rehabilitation of Socially and Economically Deprived Youth.
Project Director: Gregg, Murry C.
Organization: Jefferson County Board of Education, Birmingham.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The primary purpose of this project is to provide vocational and compensatory education to socially and economically deprived (SED) youth in four schools. Specific objectives include providing vocational evaluation, counseling, and instruction to SED youth; demonstrating a school-community program in which SED youth may gain vocational maturity; and remedying deficiencies in students' prior education through compensatory education.

SB000021

Interdisciplinary Approach to Career Development through a High School Program of Occupational Education.
Project Director: Ellison, William E.
Organization: Russellville City Board of Education, Ala.
Funding Period: Start Date 1 Mar 70; End Date 28 Feb 73

The purpose of this four-year program is to demonstrate the functional principles and practices related to use of the interdisciplinary approach to teaching occupational education by vocational educators and guidance counselors in a secondary school setting. Specific objectives are to provide student counseling services, an occupational information program, and an interdisciplinary instructional program.

SB000022

A Sheltered Work Experience Centered Vocational Curriculum for Low Achieving Students.
Project Director: Berryman, William C.

Organization: Sylacauga City Board of Education, Ala.
Funding Period: Start Date 1 Mar 70; End Date 28 Feb 73

The purpose of this three-year program is to retain potential dropouts until they develop salable employment skills and acquire basic skills and understandings essential to civic and social responsibility. Sixty educationally or socioeconomically disadvantaged students between thirteen and sixteen will be enrolled in a program of intensive guidance services and basic or compensatory education combined with sheltered work experience.

SB000023

A Planning Grant for Development of a Career Education Program for Cullman County Schools.
Organization: Cullman County Schools, Ala.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The primary purpose of this two-year program is to demonstrate practices found effective for working with socioeconomically disadvantaged students and other potential dropouts. Objectives are to provide student counseling services, provide a sheltered work experience vocational curriculum, and provide vocational counseling services to help students select and develop entry level skills for appropriate occupations.

SB000024

A Planning Grant for Development of a Career Education Program for Madison County Schools.
Project Director: Downs, Fred J.
Organization: Madison County Board of Education, Huntsville, Ala.
Funding Period: Start Date 1 Aug 71; End Date 30 Jun 72

The purpose of this project is to develop procedures and materials for a career education and occupational information program designed to impact principally upon students in grade 1-10. Specific objectives will include developing a rationale and administrative structure for installing and operating the program and producing career education and occupational information materials in selected areas and levels.

Fiscal Year 1972

SB000025

Vocational and Compensatory Education Curriculum for the Rehabilitation of Socially and Economically Deprived Youth.
Project Director: Gregg, Murry C.
Organization: Jefferson County Board of Education, Birmingham.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The primary purpose of this project is to provide vocational and compensatory education to socially and economically deprived (SED) youth in four schools. Specific objectives include providing vocational evaluation, counseling, and instruction to SED youth; demonstrating a school-community program in which SED youth may gain vocational maturity; and remedying deficiencies in students' prior education through compensatory education.

SB000026

Interdisciplinary Approach to Career Development through a High School Program of Occupational Education.
Project Director: Ellison, William E.
Organization: Russellville City Board of Education, Ala.
Funding Period: Start Date 1 Mar 70; End Date 28 Feb 73

The purpose of this four-year program is to demonstrate the functional principles and practices related to use of the interdisciplinary approach to teaching occupational education by vocational educators and guidance counselors in a secondary school setting. Specific objectives are to provide student counseling services, an occupational information program, and an interdisciplinary instructional program.

SB000027

A Sheltered Work Experience Centered Vocational Curriculum for Low Achieving Students.
Project Director: Berryman, William C.
Organization: Sylacauga City Board of Education, Ala.
Funding Period: Start Date 1 Mar 70; End Date 28 Feb 73

The purpose of this three-year program is to retain potential dropouts until they develop salable employment skills and acquire basic skills and understandings essential to civic and social responsibility. Sixty educationally or socioeconomically disadvantaged students between thirteen and sixteen will be enrolled in a program of intensive guidance services and basic or compensatory education combined with sheltered work experience.

SB000028

A Planning Grant for Development of a Career Education Program for Cullman County Schools.
Organization: Cullman County Schools, Ala.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The primary purpose of this two-year program is to demonstrate practices found effective for working with socioeconomically disadvantaged students and other potential dropouts. Objectives are to provide student counseling services, provide a sheltered work experience vocational curriculum, and provide vocational counseling services to help students select and develop entry level skills for appropriate occupations.

SB000029

Montgomery County Public School's Approach to Career Education - Grades One Through Twelve.
Project Director: Wyrosdick, J. E.
Organization: Montgomery Public Schools, Ala.

The central objective will be to implement an integrated program of occupational information, guidance, and training. Identified effective practices will be packaged and demonstrated in pilot school settings. Occupational orientation, exploration, and information will be incorporated into regular elementary and junior high school classroom activities. The project aims to help secondary students experience exploratory and guidance activities and develop salable employment skills and goal orientation.

SB000030

Career Education for Appalachian Alabama.
Organization: Alabama State Dept. of Education, Montgomery. Div. of Vocational Education.

Descriptive information unavailable.

Fiscal Year 1973

SB000031

Montgomery County Public School's Approach to Career Education - Grades One Through Twelve.
Project Director: Wyrosdick, J. E.
Organization: Montgomery County Public Schools, Ala.

Descriptive information unavailable.

SB000032

A Sheltered Work Experience Centered Vocational Curriculum for Low Achieving Students.
Project Director: Berryman, William C.
Organization: Sylacauga City Board of Education, Ala.
Funding Period: Start Date 1 Mar 70; End Date 28 Feb 73

The purpose of this three-year program is to retain potential dropouts until they develop salable employment skills and acquire basic skills and understandings essential to civic and social responsibility. Sixty educationally or socioeconomically disadvantaged students between thirteen and sixteen will be enrolled in a program of intensive guidance services and basic or compensatory education combined with sheltered work experience.

SB000033

Interdisciplinary Approach to Career Development through a High School Program of Occupational Education.
Project Director: Ellison, William E.
Organization: Russellville City Board of Education, Ala.
Funding Period: Start Date 1 Mar 70; End Date 28 Feb 73

The purpose of this four-year program is to demonstrate the functional principles and practices related to use of the interdisciplinary approach to teaching occupational education by vocational educa-

tors and guidance counselors in a secondary school setting. Specific objectives are to provide student counseling services, an occupational information program, and an interdisciplinary instructional program.

SB000034

Vocational and Compensatory Education Curriculum for the Rehabilitation of Socially and Economically Deprived Youth.
Project Director: Gregg, Murry C.
Organization: Jefferson County Board of Education, Birmingham.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The primary purpose of this project is to provide vocational and compensatory education to socially and economically deprived (SED) youth in four schools. Specific objectives include providing vocational evaluation, counseling, and instruction to SED youth; demonstrating a school-community program in which SED youth may gain vocational maturity; and remedying deficiencies in students' prior education through compensatory education.

Fiscal Year 1974

SB000035 VTP-1451

Joint Leadership Training Conference for Selected Students and Advisors of Alabama's Vocational Youth Organizations.
Project Director: Dilworth, B. P.
Organization: State Dept. of Education, Montgomery. Div. of Vocational Education.
Funding Period: Start Date 1 May 74; End Date 30 Sep 74

The two-day conference is designed to develop positive attitudes toward leadership responsibilities; improve employability and leadership skills in six organizations through workshops in parliamentary procedure, public speaking and communications, public relations, and group motivation; and develop a mutual understanding of all organizations. Each organization will select fifteen students and five advisors as participants.

SB000036 VTP-1452

TERRA FIRMA. Threshold of Educational Reform Restructuring Agriculture for Inner-City Related Motivation and Accomplishment.
Project Director: McLeod, Bob
Organization: Anniston City Schools, Ala.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to develop and implement an agricultural curriculum for high school students in livestock production and horticulture, utilize farm experiences as an instructional factor for basic skills, maintain a monitoring and accountability system that will serve as a guideline for other school systems, encourage students to develop to their fullest potential, and inculcate in students an appreciation of the outdoors.

SB000037 VTP-1453

Montgomery County Public School's Approach to Career Education - Grades One Through Twelve.
Project Director: Wyrosdick, J. E.
Organization: Montgomery Public Schools, Ala.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This program will implement an integrated program of occupational information, guidance, and training. Practices found effective in other programs will be demonstrated in pilot school settings. Occupational information and exploration will be incorporated into classroom activities at the elementary and junior high levels. At the senior high level, students will be moved progressively from broadly based activities to development of salable employment skills.

Fiscal Year 1975

SB000038 VTP-1721

A Comprehensive Placement Program for Covington County, Andalusia City, and Opp City School Systems.
Project Director: Moseley, Robert E.
Organization: Covington County Board of Education, Ala.
Funding Period: Start Date 1 Aug 74; End Date 31 Jul 75

The objectives of the program are to coordinate the placement services of all the school systems to serve the needs of the students more fully, provide job experiences and training in the curriculum, and involve manpower agencies in the project efforts. Counselors will assist in placing students in positions most suitable to their interests and abilities.

SB000039 VTP-1918

A Comparative Study of Two Approaches to the Use of the Distributive Education Competency-Based Learning System: Microfiche Versus Conventional Printed Copy.
Project Director: Callahan, Gene
Organization: Alabama State Dept. of Education, Montgomery. Div. of Vocational Education and Community Colleges.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

The objectives of this project are to develop a workable format for printing LAPs on microfiche, develop a filing and storing system that will be accessible to students, measure the attitude of teachers and students toward the use of microfiche compared to printed paper, and compare the long and short-range cost of using both. The ability of students in the two participating programs to progress in either approach will be assessed by administering a reading ability test and a written pretest.

SB000040 VTP-1724

Fashion Merchandising Program.
Project Director: Wyrosdick, J. E.
Organization: Montgomery Public Schools, Ala.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of this project is to develop and implement a program where high school students will be given an overall view of the fashion industry and an opportunity to develop appropriate salable skills. Over a two-year period, eleventh and twelfth graders will study textile design, weaving, and all aspects involved in distribution of fashion merchandising.

SB000041 VTP-1727

A Program Designed to Provide Occupational and Educational Placement Services for all Exiting Students of the Tuscaloosa County School System.
Project Director: Bailey, Jesse C.
Organization: Tuscaloosa County School System, Ala.
Funding Period: Start Date 1 Sep 74; End Date 31 Aug 75

This project will place secondary students in jobs or educational programs that will meet their expressed needs. A placement coordinator will help by locating and describing to the students the occupational and educational opportunities that will be available to them after graduation and by assisting in job placement.

SB000042 VTP-1723

Developing a Comprehensive Placement Program.
Project Director: Bice, Jimmy W.
Organization: Shelby County Board of Education, Columbiana, Ala.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

Seven high schools and the area vocational center will participate in this project to establish or improve existing communication among schools and the world of work, apply information obtained toward curriculum development, provide occupational information and experiences to assist students in making career decisions, and assist all students toward placement in employment or further training.

SB000043 VTP-1725

Implementation of Career Education K-8 in Phenix City Public Schools.
Project Director: Smith, Clifford S.
Organization: Phenix City Board of Education, Ala.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

The objective of this project is to provide subject-related exploratory experiences for students in the middle school, including orientation and counseling. The career awareness component will provide curriculum guides in social studies and science utilizing an integration of career education activities and concepts. The elementary career education coordinator will orient teachers to the concept of career education, assist in writing new units, and provide support services.

SB000044 VTP-1726

Placement Implementation Project.
Project Director: Pope, Henry H.
Organization: Mobile County Public Schools, Ala.
Funding Period: Start Date 1 Sep 74; End Date 31 Jul 75

The objective of this project is to implement a comprehensive, centrally coordinated placement service. A survey will be conducted with the area Chamber of Commerce to compile job and job-training information and estimate future manpower and training needs. An occupational survey will be conducted of other area firms. Personal contact will be maintained with area employers, government agencies, and community civic organizations and professional associations.

SB000045 VTP-1720

Coffee County's Approach to a Comprehensive Placement Program - Grades One Through College.
Project Director: Coleman, Virgil
Organization: Coffee County Schools, Elba, Ala.
Funding Period: Start Date 1 Sep 74; End Date 31 Aug 75

This project will implement a program of occupational information, guidance, and training and intensify training for potential dropouts and upper level students who have not obtained a salable skill in school. Procedures are to identify employment opportunities, demonstrate and document a procedure for identifying and contacting prospective customers, utilize local human resources, and organize an advisory committee.

SB000046

Cooperative Occupational Opportunities and Placement Programs.
Organization: Greene County Board of Education, Eutaw, Ala.

Descriptive information unavailable.

SB000047

Career Education Project.
Organization: Mobile County Public Schools, Ala.

Descriptive information unavailable.

SB000048

The Constitutional Convention HOE Students and Secondary Teachers.
Organization: Alabama State Dept. of Education, Montgomery. Div. of Vocational Education and Community Colleges.

Descriptive information unavailable.

Fiscal Year 1976

SB000049 VTP-2173

Membership in the Interstate Distributive Education Curriculum Consortium.
Project Director: Callahan, Gene
Organization: Alabama State Dept. of Education, Montgomery.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will supply funds for Alabama's membership in the Interstate Distributive Education Curriculum Consortium (IDECC). IDECC objectives include developing a system for evaluating curriculum materials, developing or supervising new materials, identifying new markets, and improving communications between IDECC and other curricular efforts.

SB000050

TERRA FIRMA. Threshold of Educational Reform Restructuring Agriculture for Inner-City Related Motivation and Accomplishment.
Project Director: McLeod, Bob
Organization: Anniston City Schools, Ala.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 76

The objectives of this project are to develop and implement an agricultural curriculum for high school students in livestock production and horticulture, utilize farm experiences as an instructional factor for basic skills, maintain a monitoring and accountability system that will serve as a guideline for other school systems, encourage students to develop to their fullest potential, and inculcate in students an appreciation of the outdoors.

SB000051 VTP-2336

Cooperative Occupational Opportunities and Placement Program.
Project Director: Palmer, Earnest L.
Organization: Greene County Board of Education, Eutaw, Ala.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

This project is intended to help students develop skills in making career choices and provide participating students with orientations and exposure to occupations for use in career development. Procedures include developing occupational information and work experiences for students, infusing vocational skill development into the curriculum, and incorporating a sequential program of vocational information and placement.

SB000052 VTP-2339

Development of Telephone Installer - Repairman Course at Secondary School Level.
Project Director: Griffith, Thomas
Organization: Saint Clair County Board of Education, Ashville, Ala.
Funding Period: Start Date 29 Sep 75; End Date 31 May 76
Contract and/or Control No.: RCU-D-76-019

The goals of this project are to develop and implement a model vocational course in telephone installer-repairman at the secondary level and provide placement and follow-up services for program graduates. At the end of the project year, evaluation will be conducted by project personnel and personnel from the Alabama State Department of Education to determine the most appropriate length of an instructional program, assess the effective job demand for the trainees, and examine the on-the-job performance of the graduates.

SB000053 VTP-2338

The Development of Job Placement Services for Exiting Students.
Project Director: Bailey, Jesse C.
Organization: Tuscaloosa County Board of Education, Ala.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

The objectives of this project are to administer and interpret the results of the Strong Vocational Interest Blank to the 250 vocational high school students in the system, communicate to the community the purpose of the project, ascertain the prospective employers, develop a model for obtaining assistance in placing the students in occupations or training programs and place them in one, and develop a model for follow-up studies.

SB000054 VTP-2340

Placement Implementation Project.
Project Director: Starkey, Lamar
Organization: Mobile County Public Schools, Ala.
Funding Period: Start Date 1 Aug 75; End Date 31 Jul 76

The objective of this project is to implement a comprehensive, centrally coordinated placement service. Implementation procedures are assignment of a full-time person to provide coordination and serve as a clearinghouse for placement activities, delineation of the duties of school personnel involved in the process, and computerization of the data.

SB000055 VTP-2431

Coffee County's Comprehensive Placement Program - School Age Through Adulthood.
Project Director: Vaughan, John W.
Organization: Coffee County Board of Education, Elba, Ala.
Funding Period: Start Date 1 Sep 75; End Date 31 Aug 76

This project will implement an occupational placement program. Students will be moved from broadly based exploratory levels to more specific guidance oriented activities. The project coordinator will work in a consultant capacity with school personnel, seeking to pool all types of resources with other organizations to best serve the client population.

SB000056 VTP-2337

Developing a Comprehensive Placement Program.
Project Director: Bice, Jimmy W.
Organization: Shelby County Board of Education, Columbiana, Ala.
Funding Period: Start Date 1 Sep 75; End Date 31 Aug 76

This project is designed to establish or improve communication among schools and the world of work, apply information from this contact toward curriculum development, and assist students with placement in their chosen careers. The procedures are to provide workshops and inservice training for a placement team, provide a program for former students, develop a follow-up program, provide a placement center at the local school, provide students with a program leading to employment, and make contacts in the community.

SB000057 VTP-2339

Development of Telephone Installer - Repairman Course at Secondary School Level.
Project Director: Griffith, Thomas
Organization: Saint Clair County Board of Education, Ashville, Ala.
Funding Period: Start Date 29 Sep 75; End Date 31 May 76

The goals of this project are to develop and implement a model vocational course in telephone installer-repairman at the secondary level and provide placement and follow-up services for program graduates. At the end of the project year, evaluation will be conducted by project personnel and personnel from the Alabama State Department of Education to determine the most appropriate length of an instructional program, assess the effective job demand for the trainees, and examine the on-the-job performance of the graduates.

SB000058 VTP-2729

The Development of Job Placement Services for Exiting Vocational Students.
Project Director: Glenn, Ray
Organization: Tuscaloosa County Board of Education, Ala.
Funding Period: Start Date 1 Aug 76; End Date 31 Jul 77

In the third year of operation this project will continue to place exiting vocational students in occupations or occupational training. Objectives of the project are to place high school graduates and school leavers in occupations or postsecondary technical schools, facilitate communication between the business world and the vocational student, assist the cooperative teachers in placing part-time cooperative students, and conduct an annual follow-up of all graduates and school leavers.

SB000059 VTP-2728

Developing a Comprehensive Placement Program (Continuation).
Project Director: Major, Evan K., Jr.
Organization: Shelby County Board of Education, Columbiana, Ala.
Funding Period: Start Date 1 Sep 76; End Date 31 Aug 77

In this third year of operation the project will expand and improve upon the placement program in the Shelby County school system. Project objectives include (1) improving communication among schools and the world of work; (2) applying information obtained from the work community toward curriculum development; (3) providing relevant information and experiences for students, graduates, and school leavers to assist in sound career decisions; and (4) assisting all high school students toward placement in employment or further training. In this final year, project emphasis will be on dissemination of information. The instruments, techniques, and approaches used will be recorded and made available to other systems.

SB000060 VTP-2727

The Cooperative Occupational Opportunities and Placement Program (Continuation).
Project Director: Green, Andrew
Organization: Greene County Board of Education, Eutaw, Ala.
Funding Period: Start Date 1 Aug 76; End Date 31 Jul 77

In its third year of operation, the project will focus on four objectives: (1) the continued infusion of career education into the core curriculum of grades 9-12 in Greene County schools, (2) the exposure of staff and teachers to various career clusters, (3) the extended placement of juniors and seniors in various career clusters, and (4) dissemination of the research findings to school districts seeking replication. Through the use of planned preservice and inservice programs, participating teachers will develop skills to enable them to incorporate career education modules into the core curriculum. Pupils will benefit from videotapes and commercially produced materials on career education. In addition, both teachers and students will have internship placements with cooperative employers.

Fiscal Year 1977

SB000061 VTP-2730

Development of Telephone Installer - Repairman Course at Secondary School Level.
Project Director: Griffith, Thomas
Organization: Saint Clair County Board of Education, Ashville, Ala.
Funding Period: Start Date 1 Aug 76; End Date 31 May 77

In it second year of operation, the project will continue to develop and implement a model two-year vocational course in telephone installer-repairman at the secondary level. Placement and follow-up of program graduates are additional objectives of the project. The students will be exposed to a more indepth field of study to prepare for the more technical jobs of the telephone industry, such as cable splicer, PBX installer, lineman, and switchman. The instructor will continue to work with the curriculum specialists in vocational education to develop performance-based curriculum.

SB000062 VTP-2336

Cooperative Occupational Opportunities and Placement Program.
Project Director: Palmer, Earnest L.
Organization: Greene County Board of Education, Eutaw, Ala.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

The project is intended to help students develop skills in making vocational career choices and provide participating students with orientations and exposure to a variety of occupations for use in career development. Procedures will include developing occupational information and work experiences for selected students, infusing vocational skill development into the core curriculum, and incorporating a sequential program of vocational information and placement for participating students.

SB000063 VTP-2337

Developing a Comprehensive Placement Program.
Project Director: Bice, Jimmy W.
Organization: Shelby County Board of Education, Columbiana, Ala.
Funding Period: Start Date 1 Sep 75; End Date 31 Aug 76
Contract and/or Control No.: RCU-D-76-012-B

This project is designed to establish or improve existing communication among schools and the world of work; apply information obtained from the increased school and community contact toward curriculum development; provide relevant information and experiences for students, graduates, and school leavers which will assist them in making career decisions; and assist all high school students with placement in employment or further training in keeping with their career decisions.

SB000064 VTP-2338

The Development of Job Placement Services for Exiting Students.
Project Director: Bailey, Jesse C.
Organization: Tuscaloosa County Board of Education, Ala.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

The objectives of this project are to administer and interpret the results of the Strong Vocational Interest Blank to the 250 vocational high school students in the system, communicate to the community the purpose of the project, ascertain prospective employers, develop a model for obtaining assistance in placing students in occupations or training programs and place them in one, and develop a model for follow-up studies.

ALASKA

Part C

Fiscal Year 1971

SB000065

Identify Potential Jobs in Vocational Health Occupations.
Organization: Alaska Health Manpower Corp., Juneau.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71
Contract and/or Control No.: 4003

The purpose of this project is to identify the potential jobs in vocational health occupations in order to provide data on which to base decisions about funding health occupations training. The survey method will be used for the data collection.

SB000066

Identify State Manpower Needs.
Organization: Alaska Manpower Advisory Council, Juneau.
Funding Period: Start Date 30 Jun 70; End Date 1 Jul 71

The purpose of this project is to develop a statewide matrix of manpower needs. Information from the Department of Labor will be compiled into a report that can be used by vocational training decision makers to determine training priorities.

SB000067

Akmoto Economic Study of Northwest Alaska.
Organization: Alaska Methodist Univ., Anchorage.
Funding Period: Start Date 30 Jun 70; End Date 1 Jul 71

This project will fund an Akmoto economic study of northwest Alaska.

SB000068

Feasibility and Equability of the Foundation Support System.
Organization: Martini Study
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The purpose of this project is to determine if state funding of vocational education is adequate and equitable. The amount of vocational funds received by each school district will be compared with the amount spent by each school district.

Fiscal Year 1972

SB000069

Feasibility and Equability of the Foundation Support System.
Organization: Martini Study
Funding Period: Start Date 30 Jun 71; End Date 1 Jul 72

The purpose of this continued project is to determine if state funding of vocational education is adequate and equitable. The amount of vocational funds received by each school district will be compared with the amount spent by each school district.

SB000070

Alaska VIEW (Vital Information for Employment and Work).
Organization: Alaska State Dept. of Education, Juneau.
Funding Period: Start Date 30 Jun 71; End Date 1 Jul 73

The purpose of this project is to provide current Alaska occupational information to students in secondary and postsecondary programs. Project funding will be used to employ a person through the guidance and counseling section of the Department of Education to prepare a photo-ready card for each type of job in Alaska. Descriptions for each job will include information on employment potential, working conditions, salary, and training sites.

Fiscal Year 1973

SB000071

Alaska VIEW (Vital Information for Employment and Work).
Organization: Alaska State Dept. of Education, Juneau.
Funding Period: Start Date 30 Jun 71; End Date 1 Jul 73

The goal of this project is to provide current Alaska occupational information to students in secondary and postsecondary programs. Project funding will be used to employ a person through the guidance and counseling section of the Department of Education to prepare a photo-ready card for each type of job in Alaska. Descriptions for each job will include information on employment potential, working conditions, salary, and training sites.

Fiscal Year 1974

SB000072

Evaluation of Automated Teaching System.
Organization: Alaska Univ., Fairbanks. Center for Northern Educational Research.
Funding Period: Start Date 30 Jun 73; End Date 1 Jul 74

The objective of this project is to determine the effectiveness of Tomahawk Learning Systems in rural Alaska. Existing equipment will be traced and schools surveyed to determine the degree of its usefulness.

Fiscal Year 1975

SB000073

Student Follow-Up Program.
Organization: Cordova High School, Alaska.
Funding Period: Start Date 30 Jun 73; End Date 1 Jul 74

The purpose of this project is to complete a follow-up study of graduates of vocational programs. Students in a business simulation class will be used to send out questionnaires, tabulate data, and make a final report.

SB000074

Student Follow-Up Program.
Organization: Hutchison Career Center, Fairbanks, Alaska.
Funding Period: Start Date 30 Jun 73; End Date 1 Jul 74

The goal of this project is to complete a follow-up study of graduates of vocational programs. Students in a business simulation class will be used to send out questionnaires, tabulate data, and make a final report.

SB000075

Student Follow-Up Program.
Organization: Kodiak High School, Alaska.
Funding Period: Start Date 30 Jun 73; End Date 1 Jul 74

The purpose of this project is to complete a follow-up study of graduates of vocational programs. Students in a business simulation class will be used to send out questionnaires, tabulate data, and make a final report.

SB000076

Student Follow-Up Program.
Organization: Wrangell High School, Alaska.
Funding Period: Start Date 30 Jun 73; End Date 1 Jul 74

The objective of this project is to complete a follow-up study of graduates of vocational programs. Students in a business simulation class will be used to send out questionnaires, tabulate data, and make a final report.

SB000077

Student Follow-Up Program.
Organization: Dillingham High School, Alaska.
Funding Period: Start Date 30 Jun 73; End Date 1 Jul 74

The goal of this project is to complete a follow-up study of graduates of vocational programs. Students in a business simulation class will be used to send out questionnaires, tabulate data, and make a final report.

SB000078

Student Follow-Up Program.
Organization: Haines High School, Alaska.
Funding Period: Start Date 30 Jun 73; End Date 1 Jul 74

The purpose of this project is to complete a follow-up study of graduates of vocational programs. Students in a business simulation class will be used to send out questionnaires, tabulate data, and make a final report.

Fiscal Year 1976

SB000079

Student Assessment.
Organization: Alaska State Dept. of Education, Juneau. Research and Planning.
Funding Period: Start Date 30 Jun 75; End Date 1 Jul 76

Funding for this project will be used to develop and implement a student assessment program.

Fiscal Year 1977

SB000080

Computer Model for Calculations of the Public Foundation Programs.
Organization: Alaska State Dept. of Education, Juneau. Office of Planning and Research.

Descriptive information unavailable.

Part D

Fiscal Year 1970

SB000081

Merchandising Program.
Organization: Anchorage Community Coll., Alaska.
Funding Period: Start Date 30 Jun 69; End Date 1 Jul 70

The purpose of this project is to implement a merchandising program at Anchorage Community College. Funding for this project will be used to purchase equipment and material to initiate program activities.

SB000082

Individualized Business Education Program.
Organization: Dillingham City School District, Alaska.
Funding Period: Start Date 30 Jun 69; End Date 1 Jul 70

The objective of this project is to individualize instruction in accounting, office communication, and clerk-typist training. Funding for this project will be used to purchase equipment and materials for the project.

SB000083

Vocational Guidance.
Organization: Anchorage Borough School District, Alaska.
Funding Period: Start Date 30 Jun 69; End Date 1 Jul 70

The purpose of this project is to initiate a vocational guidance program to serve the five secondary schools in the Anchorage Borough School District. Funds for this project will provide for payment of salaries and program costs.

SB000084

Sawmill Project.
Organization: Matanuska-Susitna Borough School District, Alaska.
Funding Period: Start Date 30 Jun 69; End Date 1 Jul 70

This project will seek to implement a Sawmill Program in an adult corrections center by utilizing a portable sawmill to be made available through project funding. This project will provide the funds to transport the sawmill to the site.

SB000085

Home Economics/Fisheries Program.
Organization: Craig City School District, Alaska.
Funding Period: Start Date 30 Jun 69; End Date 1 Jul 70

The purpose of this project is to implement a home economics program in Craig High School. Funding for this project will be used to purchase equipment to start the program.

SB000086

Rural Carpentry (Boat Building).
Organization: Hoonah Public Schools, Alaska.
Funding Period: Start Date 30 Jun 69; End Date 1 Jul 70

The goal of this project is to initiate a boat-building program in the Hoonah Public Schools. Funds for this project will be used to purchase specialized equipment.

SB000087

Occupational Orientation.
Organization: Anchorage Borough School District, Alaska.
Funding Period: Start Date 30 Jun 69; End Date 1 Jul 71

This project will survey Anchorage businesses to provide information that will be useful in strengthening the cooperative vocational education programs and in vocational program decision making. Project funding will be used to employ a person to conduct the survey, analyze data, and make a final report on the types of jobs in Anchorage.

SB000088

Model City Workstudy Program.
Organization: Juneau-Douglas Community Coll., Auke Bay, Alaska.
Funding Period: Start Date 30 Jun 69; End Date 1 Jul 71

This project proposes to implement an individualized, alternative secondary school program articulated with a community college business education program. The project will incorporate work experience as an integral part of the program.

SB000089

Vocational Education. S.A.V.E. Program.
Project Director: Marsh, William R.
Organization: Anchorage Borough School District, Alaska.

This project will provide general program support for a vocational education program designed for dropout students.

SB000090

Project Careers.
Project Director: Hill, James J.
Organization: Juneau Public School District, Alaska.

This project is the first of a four-year coordinated program for dropouts and potential dropout students designed to provide maximum development and practical application of basic skills, including development of an acceptable self-image, social and emotional competency, acceptable work habits and social attitudes, and graduated vocational and educational experiences leading to graduation and employment.

Fiscal Year 1971

SB000091

Occupational Orientation.
Organization: Anchorage Borough School District, Alaska.
Funding Period: Start Date 30 Jun 69; End Date 1 Jul 71

This project will survey Anchorage businesses to provide information that will be useful in strengthening the cooperative vocational education programs and in vocational program decision making. Project funding will be used to employ a person to conduct the survey, analyze data, and make a final report on the types of jobs in Anchorage.

SB000092

Model City Workstudy Program.
Organization: Juneau-Douglas Community Coll., Auke Bay, Alaska.
Funding Period: Start Date 30 Jun 69; End Date 1 Jul 71

This project proposes to implement an individualized, alternative secondary school program articulated with a community college business education program. The project will incorporate work experience as an integral part of the program.

SB000093

Vocational Education. S.A.V.E. Program.
Project Director: Marsh, William R.
Organization: Anchorage Borough School District, Alaska.

This project will provide general program support for a vocational education program designed for dropout students.

SB000094

Project Careers.
Project Director: Hill, James J.
Organization: Juneau Public School District, Alaska.

This project is the second year of a four-year program for dropouts and potential dropouts designed to provide maximum development and practical application of basic skills, including development of an acceptable self-image, social and emotional competency, acceptable work habits and social attitudes, and vocational and educational experiences leading to graduation and employment.

SB000095

Alaska Crippled Children Occupational Training Program.
Organization: Alaska Treatment Center for Crippled Children and Adults, Inc., Anchorage.
Funding Period: Start Date 30 Jun 69; End Date 1 Jul 70

The purpose of this project is to provide occupational experiences to handicapped students in the areas of printing and furniture refinishing. Project funding will be used to employ a staff member to train students in the above areas.

Fiscal Year 1972

SB000096

Vocational Education. S.A.V.E. Program.
Project Director: Marsh, William R.
Organization: Anchorage Borough School District, Alaska.
Funding Period: Start Date 1 Sep 72; End Date 15 May 73

This project will provide general program support for a vocational education program designed for dropout students.

SB000097

Project Careers.
Project Director: Hill, James J.
Organization: Juneau Public School District, Alaska.
Contract and/or Control No.: 1130-73

This is the third year of a four-year project for dropouts and potential dropouts designed to provide maximum development and practical application of basic skills, including development of an acceptable self-image, social and emotional competency, acceptable work habits and social attitudes, and vocational and educational experiences leading to graduation and employment.

Fiscal Year 1973

SB000098

Project Careers.
Project Director: Hill, James J.
Organization: Juneau Public School District, Alaska.

This is the fourth year of a four-year project for dropouts and potential dropouts designed to provide maximum development and practical application of basic skills, including development of an acceptable self-image, social and emotional competency, acceptable work habits and social attitudes, and vocational and educational experiences leading to graduation and employment.

SB000099

Vocational Education. S.A.V.E. Program.
Project Director: Marsh, William R.
Organization: Anchorage Borough School District, Alaska.
Funding Period: Start Date 1 Sep 72; End Date 15 May 73
Contract and/or Control No.: 145-73

This is the final phase of a project which will provide general program support for a vocational education program designed for dropout students.

SB000100

Ancillary Services.
Organization: Alaska State Dept. of Education, Juneau.
Funding Period: Start Date 30 Jun 72; End Date 1 Jul 73

Project funding will be used to employ staff to administer the exemplary funds.

Fiscal Year 1974

SB000101

The World of Work.
Organization: Gastineau Elementary School, Alaska.
Funding Period: Start Date 30 Jun 73; End Date 1 Jul 74

The purpose of this project is to implement the world of work program in grades 1-3. The career exploratory program will provide opportunities for the students to study various occupations, listen to guest speakers, and form a business which will develop, manufacture, and sell a game.

SB000102

Business Simulation (Printing).
Organization: Ketchikan School District, Alaska.
Funding Period: Start Date 30 Jun 73; End Date 1 Jul 74

The objective of this project is to set up a business simulation utilizing an A. B. Dick offset press. The business simulation, set up with a complete student-administrative structure, will perform printing jobs for the school and nonprofit organizations.

SB000103

Nurse's Aide Program.
Organization: Dillingham School District, Alaska.
Funding Period: Start Date 30 Jun 73; End Date 1 Jul 74

The objective of this project is to implement a secondary nurse's aide program to provide more skilled personnel to work in small villages. Training will be provided during students' cooperative time at the local hospital. Funding for this project will be used to purchase equipment.

SB000104

Community Resources Program.
Organization: Anchorage Borough School District, Alaska.
Funding Period: Start Date 30 Jun 73; End Date 1 Jul 74

The goal of this project is to establish a system for the school district to utilize community resources. A consultant will be hired to develop a system for surveying, cataloguing, scheduling, and using community resources in Anchorage.

SB000105

American Industries Program.
Organization: Sitka School District, Alaska.
Funding Period: Start Date 30 Jun 73; End Date 1 Jul 74

The objective of this project is to implement an industrial education project developed at Stout State. The program, which will involve most of the district's junior high school pupils and several teachers, will include the use of team teaching methods, inservice training, and aides.

SB000106

Construction Trades Exemplary Program.
Organization: Mananuska-Susitna School District, Alaska.
Funding Period: Start Date 30 Jun 73; End Date 1 Jul 74

The purpose of this project is to fund a construction program and transportation of students to a central location to take part in the program. This project will help conserve funds by enabling students from two high schools to use the same facilities.

SB000107

Construction Trades Exemplary Program.
Organization: Mananuska-Susitna School District, Alaska.
Funding Period: Start Date 30 Jun 73; End Date 1 Jul 74

The purpose of this project is to fund a construction program and transportation of students to a central location to take part in the program. This project will help conserve funds by enabling students from two high schools to use the same facilities.

SB000108

American Industries.
Organization: Valdez School District, Alaska.
Funding Period: Start Date 30 Jun 73; End Date 1 Jul 74

The objective of this project is to implement an industrial education project developed at Stout State. The program, which will involve most of the district's junior high school pupils and several teachers, will include the use of team teaching methods, inservice training, and aides.

SB000109

Vital Information for Employment and Work.
Organization: Alaska State Dept. of Education, Juneau. Instructional Services.
Funding Period: Start Date 30 Jun 73; End Date 1 Jul 74

The objective of this project is to update the Vital Information for Employment and Work (VIEW) deck and send this new microfiche to the schools.

SB000110

Rural Typing Program.
Organization: Alaska Univ., Fairbanks. Statewide Services.
Funding Period: Start Date 30 Jun 73; End Date 1 Jul 74

This project proposes to implement typing classes for adults in conjunction with established Adult Basic Education (ABE) programs. Used, manual typewriters will be received from the state, and several new typewriters purchased.

Fiscal Year 1975

SB000111

Business Education Exemplary Program.
Organization: Floyd-Dryden Junior High, Juneau, Alaska.
Funding Period: Start Date 30 Jun 74; End Date 1 Jul 75

The goal of this project is to implement an exemplary business program at the junior high level. This program is intended to teach concepts of business, economics, and prevocational subjects that are not taught at the high school.

SB000112

Career-Guidance and Counseling Placement Model and Implementation.
Organization: Anchorage Borough School District, Alaska.
Funding Period: Start Date 30 Jun 74; End Date 1 Jul 75

The purpose of this project is to further develop the system of using community resources. The list of community resources will be updated to enable its users to better match the available resources with their classroom needs. A full-time clerk will be employed to schedule and follow-up the use of community resources. The overall management system will be streamlined.

SB000113

American Industries.
Organization: Sitka High School, Alaska.
Funding Period: Start Date 30 Jun 74; End Date 1 Jul 75

The objective of this project is to implement an industrial education project developed at Stout State. The program, which will involve most of the district's junior high school pupils and several teachers, will include the use of team teaching methods, inservice training, and aides.

SB000114

Career-Guidance and Counseling Placement Model and Implementation.
Organization: Anchorage Borough School District, Alaska.
Funding Period: Start Date 30 Jun 74; End Date 1 Jul 75

The purpose of this project is to further develop the system of using community resources. The list of community resources will be updated to enable its users to better match the available resources with their classroom needs. A full-time clerk will be employed to schedule and follow-up the use of community resources. The overall management system will be streamlined.

SB000115

Construction Trades with Emphasis on Sec/Post-Secondary Prevocational.
Organization: Wasilla High School, Alaska.
Funding Period: Start Date 30 Jun 74; End Date 1 Jul 75

The objective of this project is to expand the joint high school construction program to include the Mat-Su Community College. To further expand the program, a secondary/postsecondary program will be articulated, and students will be transported to the facility for classes.

SB000116

American Industries.
Organization: Kenai School District, Seldovia, Alaska.
Funding Period: Start Date 30 Jun 74; End Date 1 Jul 75

The objective of this project is to implement an industrial education project developed at Stout State. The program, which will involve most of the district's junior high school pupils and several teachers, will include the use of team teaching methods, inservice training, and aides.

SB000117

Career Education (Bread and Butterflies).
Organization: Alaska Univ., Anchorage.
Funding Period: Start Date 30 Jun 74; End Date 1 Jul 75

The purpose of this project is to make the "Bread and Butterflies" (career education) series available to all Alaskan schools. Materials, films, and video tapes will be purchased and distributed through the state library system. Inservice training will be provided by the University of Alaska.

SB000118

Career Education.
Organization: Soldotna Elementary School, Alaska.
Funding Period: Start Date 30 Jun 74; End Date 1 Jul 75

The purpose of this project is to implement a career education program at the elementary school level. A staff person will be employed to develop a district-wide career education program. Materials for the project will be adapted or developed and implemented.

SB000119

Up-Date of VIEW (Vital Information for Employment and Work).
Organization: Juneau School District, Alaska.
Funding Period: Start Date 30 Jun 74; End Date 1 Jul 75

The goal of this project is to update the Vital Information for Employment and Work (VIEW) deck and send this new microfiche to the schools.

Fiscal Year 1976

SB000120

Ancillary.
Organization: Alaska State Dept. of Education, Juneau.
Funding Period: Start Date 30 Jun 75; End Date 1 Jul 76

Funding for this project will be used to employ staff to administer the exemplary funds.

SB000121

Update of VIEW (Vital Information for Employment and Work).
Organization: Juneau School District, Alaska.
Funding Period: Start Date 30 Jun 75; End Date 1 Jul 76

The purpose of this project is to update the Vital Information for Employment and Work (VIEW) deck and send this new microfiche to the schools.

SB000122

Career Education. Phase II.
Organization: Kenai Peninsula Borough School District, Soldotna, Alaska.
Funding Period: Start Date 30 Jun 75; End Date 1 Jul 76

This project will continue the development of materials in an effort to expand and refine the career education project funded in FY 1975.

SB000123

Career Education (CE II).
Organization: Kodiak Island Borough School District, Alaska.
Funding Period: Start Date 30 Jun 75; End Date 1 Jul 76

This project will replicate the Career Education II program with the assistance of the Northwest Regional Laboratory.

SB000124

American Industries.
Organization: Sitka School District, Alaska.
Funding Period: Start Date 30 Jun 75; End Date 1 Jul 76

The purpose of this project is to implement an industrial education project developed at Stout State. The program, which will involve most of the district's junior high school pupils and several teachers, will include the use of team teaching methods, inservice training, and aides.

SB000125

Typing Outreach Project.
Organization: Anchorage Borough School District, Alaska.
Funding Period: Start Date 30 Jun 75; End Date 1 Jul 76

To provide typing education to students who would not otherwise have such an opportunity, this project proposes to test different commercially produced typing systems in small, rural schools to determine if non-business teachers can use the equipment and program. Self-instructional typing systems will be installed and inservice training will be held for the teachers.

SB000126

Inservice and Evaluation.
Organization: Alaska Methodist Univ., Anchorage.
Funding Period: Start Date 30 Jun 75; End Date 1 Jul 76

The purpose of this project is to provide inservice training to vocational teachers during a vocational workshop. A consultant will be hired.

SB000127

Career Guidance Counseling.
Organization: Anchorage Borough School District, Alaska.
Funding Period: Start Date 30 Jun 75; End Date 1 Jul 76

The objective of this project is to expand the exemplary career guidance program in the Anchorage Borough School District. Funds for this project will provide for the development of materials.

SB000128

Junior High Exemplary Business Education Program.
Organization: Juneau-Douglas Borough School District, Alaska.
Funding Period: Start Date 30 Jun 75; End Date 1 Jul 76

The purpose of this project is to implement an exemplary business program at the junior high level. This program is intended to teach concepts of business, economics, and prevocational subjects which are not taught at the high school.

Fiscal Year 1977

SB000129

Rural Industrial Education Model.
Organization: Alaska Center for Staff Development, Anchorage.

Descriptive information unavailable.

SB000130

Vocational Guidance.
Organization: Anchorage Borough School District, Alaska

Descriptive information unavailable.

SB000131

Career Information Center Development.
Organization: Juneau-Douglas High School, Alaska.

Descriptive information unavailable.

SB000132

Typing Outreach Project.
Organization: Yukon Flats School District, Alaska.

To provide typing education to students who would not otherwise have such an opportunity, this project proposes to test different commercially produced typing systems in small, rural schools to determine if non-business teachers can use the equipment and program. Self-instructional typing systems will be installed and inservice training will be held for the teachers.

SB000133

Typing Outreach Project.
Organization: Dot Lake School District, Alaska.

To provide typing education to students who would not otherwise have such an opportunity, this project proposes to test different commercially produced typing systems in small, rural schools to determine if non-business teachers can use the equipment and program. Self-instructional typing systems will be installed and inservice training will be held for the teachers.

ARIZONA

Part C

Fiscal Year 1971

SB000134 **VTP-015**

The Development of a Cost Factor for Occupational Education Average Daily Attendance (ADA).
Project Director: Barsby, Steven Loren
Organization: Arizona Occupational Research Coordinating Unit, Phoenix.
Funding Period: Start Date 13 Jan 71; End Date 1 Apr 71

The purpose of this project is to develop a cost factor for ADA which might be recommended to the state legislature as a better way to provide state support for vocational education. A method of dividing school expenditures between occupational programs and all other programs and data from the "Annual Reports" of the Superintendent of Public Instruction will be used.

SB000135 **VTP-016**

Employer Survey of Vocational-Technical Education Graduates, Phase I.
Project Director: Lee, Arthur M.
Organization: Northern Arizona Univ., Flagstaff.
Funding Period: Start Date 15 Feb 71; End Date 15 May 71

This survey will collect employer evaluation data on the strengths and weaknesses of vocational and other skill training programs. Employers in the sample will be asked to maintain records for one year of new employees who list prior training in an Arizona training program. At the end of the year, the supervisors of these employees will be interviewed to obtain the data.

SB000136 **VTP-029**

The Relationships Between Tasks Performed by Office Employees and Office Education Students.
Project Director: Frame, Terry M.
Organization: Arizona State Univ., Tempe.
Funding Period: Start Date 1 Jan 69; End Date 30 Apr 71

The major objective of the study is to determine the relationship between tasks performed by students in vocational office education courses and the tasks commonly performed in their chosen occupations. A questionnaire will be designed for office employees formerly enrolled in the courses and currently enrolled students.

SB000137 **VTP-022**

A Comparison of the Perception of the Cooperative Distributive and Office Education Programs in High Schools in the State of Arizona by Employers, Coordinators, and Administrators.
Project Director: Soutter, Florence Elizabeth
Organization: Arizona State Univ., Tempe.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The purpose of the study is to determine the opinions of Arizona principals, coordinators, and on-the-job supervisors on course content and the purpose of the cooperative distributive and office education programs. The questions to be answered cover selection of students for the program, fulfillment of needs by the programs, and suggestions for improving the programs. A questionnaire will be sent to all program participants.

SB000138 **VTP-021**

A Comparison of Attitudes of Minority and Nonminority Students Toward Nonskill Aspects of Office Work.
Project Director: Barnes, Bernice
Organization: Arizona State Univ., Tempe.
Funding Period: Start Date 1 Aug 70; End Date 31 Aug 71

The major purpose of this study is to compare the attitudes of minority and nonminority students enrolled in business education toward nonskilled aspects of office work. Other objectives are to determine what attitudes should be developed toward certain nonskilled aspects, and what unfavorable attitudes require changing before students enter office positions. Data will be collected from students by questionnaire and analyzed.

Fiscal Year 1972

SB000139

A Computerized System of Enrollment Data for Vocational-Technical Education.
Organization: Palo Alto Educational Systems, Inc., Scottsdale, Ariz.
Descriptive information unavailable.

SB000140

Arizona Occupational Student Followup 1970-71.
Organization: Palo Alto Educational Systems, Inc., Scottsdale, Ariz.
Descriptive information unavailable.

Fiscal Year 1973

SB000141

Professional Careers Preparation Laboratory.
Project Director: Dobson, Bruce
Organization: Yuma Union High School District, Ariz.
Funding Period: Start Date 1 Mar 73; End Date 31 May 74

This project proposes to increase the knowledge of academically inclined students in one or more professional careers in which they are interested, and to bring about greater community participation in secondary education. Seventy-four seniors and ten juniors will be enrolled in a specially designed twelve-week program that will include related class experiences as well as hands-on experiences with a possible thirty-eight professional persons in the community.

SB000142

Le Pera Activity Program.
Project Director: Truby, Max
Organization: Le Pera Elementary School, Parker, Ariz.
Funding Period: Start Date 1 May 73; End Date 1 Oct 74

This project is designed to provide a career awareness program for seventh and eighth grade students. Students will be exposed to instructional materials and then administered a general interest survey. From the results of the survey, ten specific classes will be developed and taught on a nongraded basis. Students will be pre- and posttested for changes in career awareness.

SB000143

Research Analysis for Development of Experience-Centered Curriculum.

Project Director: Munn, Charles
Organization: Phoenix Union High School System 210, Ariz.
Funding Period: Start Date 1 Jan 73; End Date 30 Jun 73

The purposes of this project are to analyze the problem of low enrollment in classes that have high employment potential, and to study the organization of the area vocational center. Secondary areas of concern will be the maladjusted or recalcitrant student, the nonachieving student, and the role of the area vocational center in the total educational program of the district.

SB000144

Motivation Math Lab.
Project Director: Gerhard, Robert W.
Organization: Nogales High School, Ariz.
Funding Period: Start Date 1 Mar 73; End Date 30 Jun 74

The primary objectives of this project are to (1) improve the attitudes of three groups of primarily bilingual high school students towards mathematics by identifying and correcting computational weaknesses, and relating concepts to physical objects and careers requiring math; and (2) increase the number of students continuing in high school math. Individualized courses based on consumer math will be designed and administered to students in experimental and control groups. Evaluation of progress will be made.

SB000145

Follow-Up Survey of Students at Eastern Arizona College.
Project Director: DeVaney, Jesse
Organization: Eastern Arizona Coll., Thatcher.
Funding Period: Start Date 1 Mar 73; End Date 19 Sept 73

A follow-up survey will be conducted of full-time students enrolled since 1968 to determine the relevance of course offerings, the strengths and weaknesses of the vocational preparation and supportive services, and the extent to which former students utilize their educational experiences for the purpose of curricula redirection. A questionnaire will be distributed to over 2,400 former students, and personal and telephone interviews will also be used to gather information.

SB000146

A Survey and Task Analysis of Employment Opportunities Available to Residents of Arizona Training Program at Coolidge.
Organization: Central Arizona Coll., Coolidge.

Descriptive information unavailable.

SB000147

Pinal Career Employability Program.
Project Director: Collard, Gerald
Organization: Central Arizona Coll., Coolidge.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

Project objectives are to (1) determine employability attitudes of eleventh and twelfth grade students and employers in Pinal County, (2) survey youth's interest and research businesses' willingness to assist in meeting student needs, (3) prepare students for employment, and (4) offer courses to prepare students in areas of their interest and ability. Questionnaires will be mailed to Pinal County businesses and administered to eleventh and twelfth grade students.

Fiscal Year 1974

SB000148 **VTP-1527**

Profile of School Dropouts in the Mesa Public Schools.
Project Director: DeGracie, James S.
Organization: Mesa High School District 207, Ariz.
Funding Period: Start Date 15 Mar 74; End Date 30 Jun 74

The objectives of this project are to develop a profile of dropouts that includes age, sex, ethnic background, academic standing, and I.Q. variables; establish procedures for collecting information to obtain baseline data on dropouts; and determine if components in our current career education and vocational programs are directed toward dropouts. Two major analyses will be performed: the complete profiling of dropouts with an analysis by tabulations, and the determination of which background variables are the most closely related to dropouts.

SB000149 **VTP-1522**

Educational Needs Assessment of Adults in the Globe-Miami Area.
Project Director: DeVaney, Jesse U., Jr.
Organization: Eastern Arizona Coll., Thatcher.
Funding Period: Start Date 15 Feb 74; End Date 30 Jun 74

The objectives of this project are to review demographic and other data to identify educational needs of adults in the area; develop and administer a survey to high school seniors and juniors, their parents, college students, and area adults to determine their educational desires and aspirations; and review and analyze the data to identify the educational desires, potential vocational programs, and target populations in the area.

SB000150 **VTP-1523**

A Follow-Up Survey of Graduates of Sunnyside High School to Determine Vocational Placement.
Project Director: Martin, Gene C.
Organization: Sunnyside High School District 12, Tucson, Ariz.
Funding Period: Start Date 1 Mar 74; End Date 15 Jun 74

The objectives of this project are to conduct a survey of graduates combining the follow-up information supplied by the Research Coordinating Unit and a similar survey of nonvocational graduates; collect and assess data indicating some strengths and weaknesses of the program; and compare occupational placement of graduates with and without training. After the data has been qualified and analyzed, a document will be designed which will include tables, narrative clarification, and percentage data.

SB000151 **VTP-1294**

Development and Use of Challenge Exams for Clinical Laboratory in Nursing II.
Project Director: Hattstaedt, Mary Jane
Organization: Pima Community Coll., Tucson, Ariz.
Funding Period: Start Date 1 Apr 74; End Date 30 Jun 74

The objectives of this study are to develop standardized tests and criteria which permit students to challenge the clinical laboratory objectives of a nursing program, and provide a model for challenging the requirements that could be applied to all nursing courses. Procedures include compiling an annotated bibliography of nursing exams and sending copies of tests to nursing consultants for their comments.

Fiscal Year 1975

SB000152 **VTP-1730**

A Model for Evaluation of the Distributive Education Programs in Arizona.
Project Director: Rowe, Kenneth L.
Organization: Arizona State Univ., Tempe.
Funding Period: Start Date 1 Aug 74; End Date 30 Jun 75

The purpose of this project is to develop an evaluation model for Arizona's distributive education programs. Data gathered in the evaluation will provide information concerning whether or not the objectives and purposes of the program are being met and whether the right amount of time is being spent on content and methodology for career development.

SB000153 **VTP-1729**

Development and Use of Challenge Exams for Clinical Laboratory Nursing II, Part II.
Project Director: Hattstaedt, Mary Jane
Organization: Pima Community Coll., Tucson, Ariz.
Funding Period: Start Date 1 Jul 74; End Date 31 Dec 74

The objectives of this project are to provide a model for challenging lab requirements that could be applied to all nursing courses, present a testing model for challenging requirements to other vocational education programs at the college and interested groups, and offer a summary of this project for publication in professional literature. The activities include having nursing consultants take the exams in the areas they challenge and reviewing the selection process and standardized tests of laboratory objectives.

SB000154 VTP-1728

A Classroom Training Conference for Youth Leaders of Distributive Education in Arizona Vocational Education.
Project Director: Gould, Ronald T.
Organization: Glendale Union High School District 205, Ariz.
Funding Period: Start Date 23 Aug 74; End Date 1 May 75

The objective of this study is to enable students to demonstrate their synthesis of leadership by participating in group activities and by conducting classroom membership training programs and to demonstrate their comprehension of youth organizations by participating in regional or state DECA activities. The project director will organize and develop a program for the conference.

SB000155 VTP-1834

Comparison of Three Media Presentations of Selected Home Economics Related Occupations.
Project Director: Manning, Doris E.
Organization: Arizona Univ., Tucson. Dept. of Home Economics Education.
Funding Period: Start Date 3 Sep 74; End Date 15 Jun 75

The objectives of this project are to develop three media approaches–audio-tape presentation, slide-tape presentation, and career capsule–of four home economics related careers which have been compared in terms of cost, student development as measured by posttest scores, and teacher acceptance as measured by teacher ratings. Using intact classes in urban and rural schools, a rotation design, in which each group of students will be exposed to each media approach at different times during the experiment, will test the variables.

SB000156 VTP-1835

A Questionnaire to Determine the Adequacy of Vocational Information at Camelback High School as Perceived by 1974 Graduates.
Project Director: Covey, Donald D.
Organization: Camelback High School, Phoenix, Ariz.
Funding Period: Start Date 4 Nov 74; End Date 6 Dec 74

The objective of this project is to develop a questionnaire to assess the areas of vocational and career information that students use; areas of information that they perceive as adequate or inadequate to be compared with the school's perceptions; and whether the information has had any effect upon graduates' futures. The project coordinator will review the questionnaire with faculty and staff and administer it to seniors to determine clarity.

SB000157 VTP-1897

Increasing Vocational Student Motivation and Retention.
Project Director: Orr, Ralph
Organization: Eastern Arizona Coll., Thatcher, Ariz.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

The objective of this program is to determine if applying Nightengale Conant attitude change packages to low-income, minority, community college students increases their grade point averages and retention rates in college. All full-time students having less than a 2.0 GPA or completing less than twelve semester hours in the fall semester will be counseled to take a small group discussion class. Two of the four class sections will be the experimental group and two will be the control group.

SB000158 VTP-1898

Careers in the Home Furnishing Industry: Interior Design.
Project Director: Isley, Joy
Organization: Shadow Mountain High School, Ariz.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

Students enrolled in the advanced home furnishings course will (1) investigate job opportunities in the home furnishings industry; (2) research and report on the requirements, job skills, and certification of industrial designers; (3) interview interior designers; (4) conduct a needs and usage survey of student and faculty groups for a hospitality room; and (5) submit a design plan for such a room.

SB000159 VTP-1896

Survey of Minority Businesses and Support Programs.
Project Director: Bursh, Joshua M., II
Organization: Arizona State Univ., Tempe.
Funding Period: Start Date 1 Nov 74; End Date 30 May 75

The objectives of this project are to use a survey to determine the needs of minority business people in Maricopa County and on selected Arizona Indian reservations, and to determine the available services of public and private agencies to meet the needs of these business people. Procedures include pilot testing the field procedures and instrument, and developing a data reduction and analysis plan.

Fiscal Year 1976

SB000160

Clothing Construction Peformance Assessment.
Project Director: Hunnicutt, H. B.
Organization: Arizona State Univ., Tempe.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 76-RMG-1307

The goal of this project is to validate, refine, and plan for implementation of a performance-based challenge test in the cognitive and psychomotor aspects of basic clothing construction skills which can be used in grades 7-14. Content validity will be established by an advisory board and a literature review.

SB000161 VTP-2181

Research and Analysis of Competencies Needed by Bilingual Teacher Aides.
Project Director: Landrum, Bertha H.
Organization: Mesa Community Coll., Ariz.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The primary objective of this project is to assess those competencies necessary for teacher aides to perform competently and confidently in the bilingual teaching situation under the direction of a supervising teacher. Structured interviews with aides, teachers, and program coordinators and task analyses of the on-the-job activities of bilingual aides will be used to identify the competencies necessary. A source book for educators of bilingual aides will be published.

SB000162 VTP-2180

A Needs Assessment and Task Analysis in Animal Science in Yuma County.
Project Director: Cox, David E.
Organization: Arizona Western Coll., Yuma.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will conduct a needs assessment and task analysis for agricultural employment. Livestock producers will be interviewed to determine how many persons needing knowledge and skill in agriculture are employed or anticipated, and what tasks the employee performs. Employees will be contacted to determine their views of the needed skills. The data will be given to all postsecondary educational agencies in Arizona.

SB000163 VTP-2175

Comprehensive Needs Assessment for the Gila River Career Center.
Project Director: Armenta, Richard R.
Organization: Gila River Career Center, Sacaton, Ariz.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will identify and assess the vocational needs of the students at the center. Procedures include the development of instruments to obtain data; the establishment of priorities relevant to improved educational training; the establishment of a data base against which priorities can be measured; and the development of a data base for follow-up studies in which priority changes can be measured.

SB000164 VTP-2177

Health Occupations Needs Assessment for the Glendale Junior High School District.
Project Director: Schmidt, C. T.
Organization: Glendale Union High School District, Ariz.
Funding Period: Start Date 28 Aug 75; End Date 4 Jun 76

The goal of this project is to conduct a community and school needs assessment and develop program recommendations. Based upon this assessment, an examination of other program models will be made with recommendations for program development and implementa-

tion decisionmaking. Activities will include a review of literature compared with objectives, a review of state health occupations programs, and the development of an assessment instrument.

SB000165 **VTP-2342**

A Survey of Common Elements in Appliance Repair, Refrigeration and Air-Conditioning.
Project Director: Hill, Clair
Organization: Northern Arizona Univ., Flagstaff.
Funding Period: Start Date 1 May 76; End Date 30 Jun 76
Contract and/or Control No.: 76-RMG-1305

This project will develop a task inventory that will identify common elements in two of the job areas in the mechanical service cluster. A single inventory will be constructed from available course materials. The results will be revised by consultants who are employed in each of the two service areas. A report of the analyzed data will be distributed to each mechanical service (automotive, appliance repair, air conditioning, and refrigeration) instructor in the state.

SB000166 **VTP-2341**

Phase I: Study of Essential Living Skills for Members of Families in Multiple Roles.
Project Director: Hunnicutt, H. B.
Organization: Arizona State Univ., Tempe.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 76-RMG-1304

The purpose of this study is to empirically identify those essential living skills or minimum competencies which are perceived by women and men as being common to women's multiple roles in careers, in families, and as persons; and to delineate minimum levels of competencies. The procedures include developing a list of competencies which utilize computerized information literature searches, and sampling 3,500 to 5,000 female and male subjects from all parts of Arizona.

SB000167

Comprehensive Needs Assessment for the Arizona State Prison Vocational Training Program.
Project Director: Everingham, Mel
Organization: Pinal County Community Coll. District, Coolidge, Ariz.
Funding Period: Start Date 1 Mar 76; End Date 30 Jun 76
Contract and/or Control No.: 76-RMG-1308

This project is a comprehensive plan to identify and assess institutional goals to meet the perceived vocational needs of the population which the Arizona State Prison is committed to service. Decision making will be based on data and a foundation will be built for goal identification, objectives definition, and eventual program accountability.

SB000168

A Survey and Job Description of Employment Opportunities for the Trainable Mentally Handicapped in Mesa, Arizona.
Project Director: Reimann, Ronald
Organization: Mesa High School District 207, Ariz.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 76-RMG-1306

The purpose of this project is to determine what types of vocational placements are available to mentally handicapped individuals and what specific skills are needed to obtain and retain such employment. This goal will be accomplished primarily through a structured interview with persons responsible for hiring employees in the following select occupational clusters: busboy, dishwasher, motel attendant, carpenter's helper, assembly-line worker, groundsman, car wash attendant, and janitor.

Fiscal Year 1977

SB000169 **VTP-2731**

A Manpower and a Needs Assessment Study for a Rural, Vocationally Oriented Community College.
Project Director: Colgan, Francis
Organization: Pinal County Community Coll., Coolidge, Ariz.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 77-902-14-02

The goal of this project is to conduct a study of the service areas of the Arizona College of Technology, analyze the data, and make curriculum recommendations based on the findings. Procedures will consist of developing the data gathering instrument; submitting the instrument to intended respondents; receiving, sorting, and analyzing the data; preparing a report on observations; and submitting a report.

SB000170 **VTP-2645**

Identifying Vocational Training Opportunities in Business and Industry.
Project Director: Walton, Barbara
Organization: Arizona Business Industry Education Council, Phoenix.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The major purpose of this project is to determine vocational needs which can be met by manpower training programs currently operating in business and industry within the metropolitan Phoenix area. The findings of this research will be used to produce a transportable model system and can be used by all agencies which counsel youth concerning vocational programs terminating with less than a baccalaureate degree.

SB000171 **VTP-2732**

Study of Essential Living Skills for Members of Families with Multiple Roles - Phase III (continuation).
Project Director: Hunnicutt, H. B.
Organization: Arizona State Univ., Tempe. Dept. of Home Economics.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 77-902-14-01

The purpose of this study is to empirically identify the essential living skills which both sexes attribute to women's multiple roles in careers, families, and as persons; and to delineate minimum levels of competencies for the multiple roles. Phase I will develop a measurement instrument, Phase II will pilot test the instrument, Phase III will sample 3,500 to 5,000 subjects, and Phase IV will disseminate the findings to home economics educators.

SB000172

To Identify and Prioritize Vocational Research Needs in Arizona.
Organization: Arizona State Univ., Tempe.
Descriptive information unavailable.

SB000173

Educational Requirements for Entry into Nursing.
Organization: Arizona State Univ., Tempe.
Descriptive information unavailable.

Part D

Fiscal Year 1970

SB000174

Development of Vocational Skills Through Use of Learning Packets.
Organization: Fredonia Public Schools, Ariz.
Descriptive information unavailable.

SB000175

Northern Arizona Hospitality Education Program.
Organization: Arizona State Dept. of Education, Phoenix.
Descriptive information unavailable.

SB000176

Career Curriculum for Sahuarita High School.

Organization: Sahuarita High School District 130, Ariz.
Descriptive information unavailable.

SB000177

Pre-Industrial Cooperative Education Program.
Organization: Flowing Wells High School, Ariz.
Descriptive information unavailable.

Fiscal Year 1971

SB000178

Development of Vocational Skills Through Use of Learning Packets.
Organization: Fredonia Public Schools, Ariz.
Descriptive information unavailable.

SB000179

Northern Arizona Hospitality Education Program.
Organization: Arizona State Dept. of Education, Phoenix.
Descriptive information unavailable.

SB000180

Career Curriculum for Sahuarita High School.
Organization: Sahuarita High School District 130, Ariz.
Descriptive information unavailable.

SB000181

Pre-Industrial Cooperative Education Program.
Organization: Flowing Wells High School, Ariz.
Descriptive information unavailable.

Fiscal Year 1972

SB000182

Northern Arizona Hospitality Education Program.
Organization: Arizona State Dept. of Education, Phoenix.
Descriptive information unavailable.

SB000183

Career Curriculum for Sahuarita High School.
Organization: Sahuarita High School District 130, Ariz.
Descriptive information unavailable.

SB000184

Pre-Industrial Cooperative Education Program.
Organization: Flowing Wells High School, Ariz.
Descriptive information unavailable.

Fiscal Year 1973

SB000185

Navajo Crafts.
Organization: Chinle High School, Ariz.
Descriptive information unavailable.

SB000186

Career Information via Closed Circuit Television.
Organization: Flowing Wells School District, Ariz.
Descriptive information unavailable.

SB000187

Industry and Education Cooperative to Expand Career Opportunity and Awareness for Intermediate and High School Students.
Organization: Nogales High School District 10, Ariz.
Descriptive information unavailable.

SB000188

Career Exploration: Club Techniques.
Organization: Peoria High School, Ariz.
Descriptive information unavailable.

SB000189

Project: Work.
Organization: Scottsdale Public Schools, Phoenix, Ariz.
Descriptive information unavailable.

SB000190

Northern Arizona Hospitality Project.
Organization: Northern Arizona Univ., Flagstaff.
Descriptive information unavailable.

Fiscal Year 1974

SB000191

Indian Crafts and Marketing.
Organization: Chinle School District 24, Ariz.
Descriptive information unavailable.

SB000192

Career Information Via Closed Circuit Television.
Project Director: Cook, Alfred W.
Organization: Flowing Wells High School, Tucson, Ariz.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
By making career information available to students through a closed circuit television network, this project proposes to increase involvement in searching out career information, create an effective method of occupational information dissemination, make school curriculum relevant to the world of work, and incorporate the use of occupational information received with the student's abilility to select vocational courses.

SB000193

Dropout Prevention and Centralized Counseling Center.
Organization: Nogales School District 1, Ariz.
Descriptive information unavailable.

SB000194

Northern Arizona Hospitality Project.
Organization: Northern Arizona Univ., Flagstaff.
Descriptive information unavailable.

SB000195

Career Education via Vocational Education Youth Clubs Technique.
Organization: Peoria High School District, Ariz.
Descriptive information unavailable.

SB000196

Exploring Careers via Interdisciplinary Student Run Business Enterprises (Project Work).
Organization: Scottsdale Public Schools, Phoenix, Ariz.
Descriptive information unavailable.

Fiscal Year 1975 - No Projects Reported

Fiscal Year 1976

SB000197 VTP-2182

Self-Management for the Transitional Student.
Project Director: Konopnicki, William S.
Organization: Eastern Arizona Coll., Thatcher.
Funding Period: Start Date 1 Jul 75; End Date 30 Sep 77

The goal of this project is to provide opportunities and resources for the transitional student to develop the skills for becoming a good self-manager in academic, career, and personal development areas. This project will develop a self-management course to provide direct instruction and will provide a self-management climate of educational and personal development experiences and classroom management strategies for the administration, faculty, and related staff.

SB000198 VTP-2174

A Demonstration Model for Students, Teachers, and Parents in the World of Careers.
Project Director: Moffett, Gene D.
Organization: Casa Grande Elementary School District 4, Ariz.
Funding Period: Start Date 1 Jul 76; End Date 30 Sep 76

The objectives for the third year of this project include (1) demonstrating that early in-depth career exploration is effective for students in grades 4 through 6; (2) demonstrating that academic and career vocational competencies in small engine repair, cooking, sewing, electricity and electronics, barber and beautician, and carpentry areas are effective in providing conceptual and practical work skills; and (3) providing experiences of the exemplary project, via transportable learning packets, for other schools.

SB000199 VTP-2179

Navajo Management Project.
Project Director: Lytle, James E.
Organization: Monument Valley High School, Kayenta, Ariz.
Funding Period: Start Date 1 Jul 74; End Date 30 Sep 77

This project is designed to implement, evaluate, and disseminate a broad distributive education interdisciplinary model involving the administration, faculty, and students of Kayenta High School. In the final year of the three-year project, this plan will involve at least ten to fifteen teachers and counselors participating in continuous staff development activities and students participating in distributive education interdisciplinry activities. Students will also be involved in activities to develop special managerial skills.

SB000200 VTP-2178

Human Relations and the World of Work.
Project Director: Myers, Everett E., Jr.
Organization: Buckeye Union High School, Ariz.
Funding Period: Start Date 1 Jul 75; End Date 30 Sep 76

This project proposes to design, develop, and implement (1) a comprehensive model that infuses academic, career, vocational, and personal development into the total educational mainstream by using the strategies of Self/Systems/Synergistics management; (2) a Career Guidance Model that provides daily experiences in self-management; and (3) a Teacher/Counselor Self-Management Model of activities, human interaction, and classroom management strategies that facilitates and allows actualization of self-management by teacher and student.

SB000201 VTP-2183

Student Dinner Theater.
Project Director: Sheehan, Tim
Organization: Paradise Valley Schools 217, Phoenix, Ariz.
Funding Period: Start Date 1 Jul 75; End Date 30 Sep 76

This project will develop an interdisciplinary program of performing arts and food service experiences. Secondary students will have the opportunity to use career skills through using a dinner theater as a training vehicle. The objectives of the program are to produce, direct, and present a performance; plan, prepare, and serve a dinner buffet; and gain knowledge of careers in dinner theater production.

SB000202 VTP-2176

Curriculum Development of Inter/Cross - Disciplinary Instruction.
Project Director: Finch, Beverly
Organization: Camp Verde High School, Ariz.
Funding Period: Start Date 1 Jul 75; End Date 30 Sep 77

This project will design, develop, and implement a curriculum for instruction in the fields of academic, career, and vocational education in the rural school. The school will build and provide a model for the ninth grade which will include teacher curriculum guides, testing instruments, and increased cooperation of teaching personnel in combining the disciplines.

Fiscal Year 1977

SB000203

Curriculum Development of Inter/Cross-Disciplinary Instruction for Camp Verde High School.
Organization: Camp Verde High School, Ariz.
Descriptive information unavailable.

SB000204

A Demonstration Model for Students, Teachers, and Parents in the World of Careers.
Organization: Casa Grande Elementary School District 4, Ariz.
Descriptive information unavailable.

SB000205

Self-Management for the Transitional Student.
Organization: Eastern Arizona Coll., Thatcher.
Descriptive information unavailable.

SB000206

Navajo Management Project.
Organization: Monument Valley School District, Ariz.
Descriptive information unavailable.

SB000207

Dinner Theater.
Organization: Paradise Valley Schools 217, Phoenix, Ariz.
Descriptive information unavailable.

SB000208

Human Relations and the World of Work.
Organization: Buckeye Union High School, Ariz.
Descriptive information unavailable.

ARKANSAS

Part C

Fiscal Year 1971

SB000209 **VTP-034**

The Development of Vocational Orientation Packets for Use by Teachers in the Elementary School.
Project Director: Turner, Delma
Organization: Arkansas State Dept. of Education, Little Rock. Div. of Vocational, Technical and Adult Education.
Funding Period: Start Date 1 May 71; End Date 30 Jun 72

The objective of the project is to prepare packets aimed at providing vocational orientation for school children. The instructional packets will be developed through workshop activity by personnel and specialists with experience in the preparation and use of such packets. Participating teachers will spend four weeks working together on different grade levels to develop the orientation materials. An evaluation instrument will be used to ascertain student growth in knowledge of and attitudes towards occupations.

SB000210 **VTP-119**

Arkansas Vocational Education Leadership Development Extern Program.
Project Director: Norton, Robert E.
Organization: Arkansas Univ., Fayetteville. Dept. of Vocational Education.
Funding Period: Start Date 15 Feb 71; End Date 30 Jun 72

A leadership development program in vocational education should build on the basic teaching compentencies of present personnel and provide school districts an opportunity to actively support their staff in becoming effective leaders in their local programs. This program is based upon assumptions which include: (1) leadership positions need to be expanded to better meet student needs for programs; (2) a twelve-month inservice program should be developed to serve comprehensive vocational education programs; and (3) the preparation of leaders for programs should involve academic work and field-based activities.

SB000211 **VTP-118**

Pilot Project for Office Simulation.
Project Director: Wasson, Donna
Organization: Twin Lakes Vocational-Technical School, Harrison, Ark.
Funding Period: Start Date 1 Mar 71; End Date 30 Jun 73

This study proposes to show that a program in office simulation can produce better qualified potential office workers than classroom-lecture training. The objectives of this project are to demonstrate the advantages of simulation over the lecture method, show that students can be accepted during the year on a vacancy occurrence basis, show that students will be better qualified to hold key secretarial positions, and help students make the transition from school to office more easily.

SB000212 **VTP-117**

Mini-Grants for Local Action Oriented Research to Improve Vocational-Technical Education in Arkansas.
Organization: Arkansas State Dept. of Education, Little Rock.
Funding Period: Start Date 1 May 71; End Date 30 May 72

The objective of this research is to stimulate and encourage teachers to try out new ideas in their local schools. To utilize the knowledge and ability of these teachers, a fund for mini-grants will be established. These grants will provide financial assistance up to $500 for teachers to develop and test their ideas. Tested results will be disseminated to other teachers.

SB000213 **VTP-115**

Training Nurse's Aides to Become Licensed Practical Nurses in Isolated, Rural Hospitals.
Project Director: Steinle, Paul
Organization: Chicot County Memorial Hospital, Lake Village, Ark.
Funding Period: Start Date 1 May 71; End Date 30 Apr 72

With a very low ratio of nurses to population, innovative ways to increase the number of qualified health care personnel are needed. This project proposes to conduct a pilot program in training qualified nurse's aides to become eligible for licensing as practical nurses in rural, isolated hospitals. All training, both classroom and clinical, will be conducted at the hospital with training organized around the aides' regular work hours.

SB000214 **VTP-129**

Pilot Project for Office Simulation.
Project Director: Smith, Phyllis
Organization: Parkview High School, Little Rock, Ark.
Funding Period: Start Date 1 Mar 71; End Date 30 Jun 73

This study proposes to show that a program effectively organized and conducted by experienced vocational personnel can produce better qualified workers than other methods. This project will demonstrate the advantages of simulation over the lecture method, bridge the gap between the classroom and the business world, demonstrate that students can gain skill in the program to obtain and retain a job, and provide students with the skill and knowledge of all types of modern office equipment used.

SB000215 **VTP-124**

Developing a Curriculum Guide for use by Vocational Orientation Teachers in the Little Rock Public Schools as well as Teachers in the State of Arkansas and Field Testing the New Curriculum for Effectiveness During the 1971-72 School Year.
Project Director: Rush, Ernest L.
Organization: Little Rock School District, Ark.
Funding Period: Start Date 7 Jun 71; End Date 2 Jun 72

The importance of a meaningful curriculum in the program can be recognized in terms of the built-in self-guidance benefits to the students when they elect the college preparatory or the vocational curriculum or a combination of the two. The purpose of this project is to develop a curriculum based on behavioral objectives that will allow students to investigate their interests and abilities through involvement in live experiences directed toward helping the students select an appropriate curriculum for further study.

SB000216

A Research and Demonstration Program for the Preparation of Health Occupation Teachers for Secondary and Post Secondary Schools.
Project Director: Morrow, Robert
Organization: Arkansas State Coll., Conway.

The purpose of this project is to provide secondary and postsecondary teachers with pedagogical skills and to provide these teachers with a broad knowledge of all areas of the health field. The procedures are to plan and implement a program which will provide training in the latest teaching methods to teachers, initiate a preservice training program, and prepare professional personnel for managing and teaching inservice programs for employees of health care institutions.

SB000217

A Proposal for the Development and Testing of Single Occupation Film Loops and 135 Color Slides for Use with Secondary and Post-Secondary Students.
Project Director: Love, Edwin L.
Organization: Arkansas Univ., Fayetteville.

The purpose of this three-year project is to develop and test single occupation loop film, single occupation slide series, and the supporting script in secondary and postsecondary institutions. In Phase I, audiovisual materials will be developed and tested in selected secondary schools, and a jury panel will select ten occupations for which guides will be developed. In Phase II, the postsecondary level will be emphasized.

SB000218

Teaching Techniques and Resource Material Development for Nutrition Education Among Disadvantaged Youth and Adults.
Project Director: Davis, Reba J.
Organization: Arkansas Univ., Fayetteville.

The purpose of this project is to develop approaches for designing education programs based on student-perceived problems. This project will involve available research findings and materials which have been developed for applying nutrition concepts in a problem-centered approach to nutrition education. These findings will be used in developing a questionnaire to be used in the study.

SB000219

A Proposal for a Study to Determine the Correlation Among Student Interest, Vocational Courses Pursued and Job Entry Occupational Choices.
Project Director: Hulsey, Bill
Organization: Newport Public Schools, Ark.

The purpose of this two-year project is to determine the relationships among interests of students, vocational courses pursued, and job placement. Student interests will be determined through testing. Eleventh and twelfth grade students who pursue vocational courses based on occupational interest will serve as the experimental group. The graduates in the experimental group and a sampling of the control group will be surveyed to determine the number who remain in the same job entry occupational cluster one year after graduation.

Fiscal Year 1972

SB000220 VTP-853

Teaching Techniques and Resource Material Development for Nutrition Education Among Disadvantaged Youth and Adults.
Project Director: Davis, Reba J.
Organization: Arkansas Univ., Fayetteville.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 73

The purpose of this project is to develop approaches for designing education programs based on student-perceived problems. This project will involve available research findings and materials which have been developed for applying nutrition concepts in a problem-centered approach to nutrition education. These findings will be used in developing a questionnaire to be used in the study.

SB000221

A Proposal for a Study to Determine the Correlation Among Student Interest, Vocational Courses Pursued and Job Entry Occupational Choices.
Project Director: Hulsey, Bill
Organization: Newport Public Schools, Ark.
Funding Period: Start Date 1 May 72; End Date 30 Jun 74

The purpose of this two-year project is to determine the relationships among interests of students, vocational courses pursued, and job placement. Student interests will be determined through testing. Eleventh and twelfth grade students who pursue vocational courses based on occupational interest will serve as the experimental group. The graduates in the experimental group and a sampling of the control group will be surveyed to determine the number who remain in the same job entry occupational cluster one year after graduation.

SB000222 VTP-436

A Research and Demonstration Program for the Preparation of Health Occupation Teachers for Secondary and Post Secondary Schools.
Project Director: Morrow, Robert
Organization: Arkansas State Coll., Conway.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 73

The purpose of this project is to provide secondary and postsecondary teachers with pedagogical skills and a broad knowledge of all areas of the health field. The procedures are to plan and implement a program which will provide training in the latest teaching methods to teachers, initiate a preservice training program, and prepare professional personnel for managing and teaching inservice programs for employees of health care institutions.

SB000223

A Proposal for the Development and Testing of Single Occupation Film Loops and 135 Color Slides for Use with Secondary and Post-Secondary Students.
Project Director: Love, Edwin L.
Organization: Arkansas Univ., Fayetteville.
Funding Period: Start Date 1 Mar 72; End Date 31 Dec 73

The purpose of this project continuation is to develop and test single occupation loop film, single occupation slide series, and the supporting script in secondary and postsecondary institutions. In Phase I, audiovisual materials will be developed and tested in selected secondary schools, and a jury panel will select ten occupations for which guides will be developed. In Phase II, the postsecondary level will be emphasized.

SB000224 VTP-830

Developing a Communicative Skills Program for Ninth Grade Students at the Metropolitan Vocational-Technical Education Center and Coordinating the Instruction of Communicative Skills Courses in all Senior High Schools in the Little Rock School District.
Project Director: Steele, Ruth
Organization: Little Rock School District, Ark.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objectives of this project are to develop instructional packets designed to improve the communication skills of students whose personal, social, and occupational development is restricted because of limited competency in communication skills, direct a pilot program for testing these packets, and assist instructors in implementing research and development endeavors in the program. A project director will assist instructors in teaching the courses. Teachers will receive one week of inservice training.

Fiscal Year 1973

SB000225

A Proposal for the Development and Testing of Single Occupation Film Loops and 135 Color Slides for Use with Secondary and Post-Secondary Students.
Project Director: Love, Edwin L.
Organization: Arkansas Univ., Fayetteville.
Funding Period: Start Date 1 Mar 72; End Date 31 Dec 73
Contract and/or Control No.: C-72-44

The purpose of this project continuation is to develop and test single occupation loop film, single occupation slide series, and the supporting script in secondary and postsecondary institutions. In Phase I, audiovisual materials will be developed and tested in selected secondary schools, and a jury panel will select ten occupations for which guides will be developed. In Phase II, the postsecondary level will be emphasized.

SB000226

A Proposal for a Study to Determine the Correlation Among Student Interest, Vocational Courses Pursued and Job Entry Occupational Choices.
Project Director: Hulsey, Bill
Organization: Newport Public Schools, Ark.
Funding Period: Start Date 1 May 72; End Date 30 Jun 74

Contract and/or Control No.: C-72-45

The purpose of this two-year project is to determine the relationships among interests of students, vocational courses pursued, and job placement. Student interests will be determined through testing. Eleventh and twelfth grade students who pursue vocational courses based on occupational interest will serve as the experimental group. The graduates in the experimental group and a sampling of the control group will be surveyed to determine the number who remain in the same job entry occupational cluster one year after graduation.

SB000227 **VTP-1086**

The Development of Sequential, Self-Paced Vocational Activity Units Utilizing Multi-Media for Use in Vocational Aptitude Evaluation Carrels Designed and Equipped for Tenth Grade C.C.E. Students.
Project Director: Land, Imogene
Organization: Little Rock School District, Ark.
Funding Period: Start Date 1 Aug 73; End Date 30 Jun 74

In order to provide teachers and staff with relevant information to use in evaluating the vocational aptitudes, job attitudes, and work habits of students, a curriculum specialist will develop vocational activity units. Behavioral objectives, tape scripts, sample slides, instruction sheets, evaluation check sheets, special teacher guides, and a description of the physical components included in each carrel will be supplied for each activity unit.

SB000228 **VTP-1087**

Mini-Grants for Local Action Oriented Research to Improve Vocational-Technical Education in Arkansas.
Organization: Arkansas State Dept. of Education, Little Rock.
Funding Period: Start Date 27 Aug 73; End Date 30 Jun 74

The objectives of this project are to discover ways to improve vocational programs, put new ideas into action, encourage teacher involvement in research, provide financial support to test the new ideas, and obtain tested results to send to other teachers. Guidelines and applications regarding the program will be mailed to all superintendents and teachers.

SB000229

Developing a Communicative Skills Program for Ninth Grade Students at the Metropolitan Vocational-Technical Education Center and Coordinating the Instruction of Communicative Skills Courses in All Senior High Schools in the Little Rock School District.
Project Director: Steele, Ruth
Organization: Little Rock School District, Ark.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: C-73-32

The primary purpose of this project is to design a course in communication skills consisting of innovative materials and activities. Procedures will include designing and testing instructional packets to improve the communication skills of ninth grade students whose personal, social, and occupational development is restricted because of limited competency in reading, writing, listening, and speaking. The packets will be structured to appeal to the students' vocational interests and intellectual abilities.

SB000230 **VTP-853**

Teaching Techniques and Resource Material Development for Nutrition Education Among Disadvantaged Youth and Adults.
Project Director: Davis, Reba J.
Organization: Pulaski County Special School District, Little Rock, Ark.

The purpose of this project is to develop approaches for designing education programs based on student-perceived problems. This project will involve available research findings and materials which have been developed for applying nutrition concepts in a problem-centered approach to nutrition education. These findings will be used in developing a questionnaire to be used in the study.

SB000231

A Research And Demonstration Program for the Preparation of Health Occupation Teachers for Secondary and Postsecondary Schools.
Project Director: Fox, Norris
Organization: Arkansas State Coll., Conway.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 73
Contract and/or Control No.: C-72-33

This project seeks to plan and implement a training program which will produce teachers who have broad knowledge and experience in the spectrum of health services, as well as skills in educational methods. Phase I will include planning activities regarding admission criteria and curriculum, Phase II will focus on intensive inservice training, and Phase III will focus on preservice training for health occupations teachers.

Fiscal Year 1974

SB000232

Mini-Grant for Local Action Oriented Research to Improve Vocational-Technical Education in Arkansas.
Project Director: Nichols, Jack D.
Organization: Arkansas State Dept. of Education, Little Rock.
Funding Period: Start Date 1 Aug 73; End Date 30 Jun 74
Contract and/or Control No.: MG 74

The primary purpose of the mini-grant program is to provide local teachers an opportunity to try out innovative ideas and new approaches they think will improve vocational education programs. Activities for a mini-grant proposal will include conducting an occupational or student needs survey, conducting an in-depth follow-up study, or developing instructional materials.

Fiscal Year 1975

SB000233

Individualized Vocational Visual Media for Deaf Students.
Project Director: Tarkington, Doyce
Organization: Arkansas School for the Deaf, Little Rock.
Funding Period: Start Date 1 Feb 75; End Date 31 Dec 76
Contract and/or Control No.: C-75-62

The primary purpose of this project is to develop a visual aid system to enhance the learning of deaf students. Procedures will include developing and field testing individualized sequential learning packages in at least nine vocational exploratory areas, constructing a self-contained carrel for each exploratory area, and developing a series of tests for measuring student achievement.

SB000234 **VTP-2064**

Summer Project Exploration of Careers (SPEC).
Project Director: Lewis, Bill F.
Organization: Russellville School District 14, Ark. RHS Area Vocational Career Center.
Funding Period: Start Date 2 Jun 75; End Date 15 Nov 75

The purpose of this project is to provide students planning to enter the Center program for the first time with exploratory experiences necessary for making meaningful preparatory decisions. This pilot summer program should complement several concerted local and statewide efforts. This project focuses on counseling, guidance, and placement.

SB000235 **VTP-2053**

An Analysis of Characteristics of the Arkansas Unemployed with Implications for Vocational Education.
Project Director: Morgan, Bob
Organization: Arkansas Employment Security Div., Little Rock.
Funding Period: Start Date 28 Apr 75; End Date 31 Aug 75

The purpose of this study is to obtain social and economic characteristics of selected unemployment insurance claimants and analyze these characteristics in terms of potential vocational education implications. The method to be used in the study is the questionnaire survey technique. A sample questionnaire is included in the proposal.

SB000236 **VTP-2040**

Development of Activity Based Learning Experiences to Support the Career Orientation Program in Arkansas.

Project Director: Friedl, Richard T.
Organization: Pulaski County Special School District, Little Rock, Ark.
Funding Period: Start Date 1 May 75; End Date 30 Jun 76

The purpose of this project is to augment the junior high vocational program with a series of activity-based learning experiences. The goals of the project are to identify experiences common to each of the fifteen occupational clusters, develop and field test sixteen instructional booklets containing the identified experiences, and disseminate the booklets for statewide implementation.

SB000237

Commissioner's Career Education Project - An Area School Approach.
Project Director: Bonner, Loretta
Organization: Russellville Public Schools, Ark.
Funding Period: Start Date 30 Jun 73; End Date 30 May 75
Contract and/or Control No.: V361037L

This project aims to establish a demonstration, testing, and development site for career education in a multi-school setting. The project will focus on three components: (1) guidance and counseling, (2) career orientation and exploratory experiences at the middle and junior high school levels, and (3) placement of exiting students. Inservice training sessions will be conducted to facilitate the implementation of the concepts, develop new strategies, and evaluate the program.

SB000238

World of Fashion.
Project Director: Pew, Lou Ann
Organization: Conway Public Schools, Ark.
Funding Period: Start Date 15 Aug 73; End Date 30 Jun 75
Contract and/or Control No.: C-73-53

The purpose of this project is to develop guidelines for planning, conducting, managing, and evaluating an innovative simulation program for teaching the competencies and skills necessary for employment in the clothing textile industry. This open entry/open exit program will consist of three phases: Phase I - Area Learning Stations, Phase II - Simulation Program, and Phase III - On-the-Job Training. The program is designed to serve secondary students, preservice students, and adults.

SB000239

Hospitality Industry Management (Certificate of Competence Program).
Project Director: McAlister, Bernard
Organization: Henderson State Coll., Arkadelphia, Ark.
Funding Period: Start Date 15 Oct 73; End Date 30 Jun 75
Contract and/or Control No.: C-75-52

This project seeks to develop and initiate a training program which will produce qualified, certified personnel for the hospitality industry. The project will use survey information from hospitality industry representatives for creating a training program to meet the needs of motels, hotels, restaurants, and other hospitality industries. An experimental certification system will be developed and initiated which will certify certain performance-described competencies.

SB000240

A Comparative Study of the Occupational Achievement of Vocational and Non-Vocational High School Graduates in the State of Arkansas.
Project Director: Andrew, Dean C.
Organization: Educational Planning and Evaluation Services, Magnolia, Ark.
Contract and/or Control No.: C-73-44

The purpose of this study is to compare the occupational achievement of students who were enrolled in vocational education programs with the occupational achievement of students who were not enrolled in vocational education programs. A survey questionnaire will be used to collect data from two groups of students from among the 1970 graduates of eight Arkansas high schools.

SB000241

A Comparative Study of Alternative Methods and Techniques in Stenographic Training.
Project Director: Robey, Doris
Organization: Pulaski County Special School District, Little Rock, Ark.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: C-74-51

The major purpose of this program is to develop and implement a shorthand program that will provide students with job-entry skills at the end of one school year. Procedures will include establishing two experimental groups using machines. One will be given a maximum amount of instruction, dictation, and assistance; the other will be taught primarily through self-instructional aids.

SB000242

Mini-Grants for Local Action Oriented Research to Improve Vocational-Technical Education in Arkansas.
Project Director: Nichols, Jack D.
Organization: Arkansas State Dept. of Education, Little Rock.
Funding Period: Start Date 1 Oct 74; End Date 30 Jun 75
Contract and/or Control No.: MG 75

The primary purpose of the mini-grant program is to provide local teachers an opportunity to try out innovative ideas and new approaches they think will improve vocational education programs. Activities for a mini-grant proposal will include conducting an occupational or student needs survey, conducting an in-depth follow-up study, or developing instructional materials.

SB000243

A Study to Validate the Follow-Up of 1973-74 Vocational Graduates in the State of Arkansas.
Project Director: Andrew, Dean C.
Organization: Educational Planning and Evaluation Services, Magnolia, Ark.
Funding Period: Start Date 1 Feb 75; End Date 30 Jun 75
Contract and/or Control No.: C-75-51

This study intends to compare by occupational education codes the similarity of the teachers' responses to students' responses on follow-up reports. The study will be targeted at five schools and their 1974 graduates, and the results will be compared to the statewide follow-up conducted through the teacher.

Fiscal Year 1976

SB000244 **VTP-2184**

Mini-Grants for Local Action Oriented Research to Improve Vocational-Technical Education in Arkansas.
Project Director: Nichols, Jack D.
Organization: Arkansas State Dept. of Education, Little Rock.
Funding Period: Start Date 15 Sep 75; End Date 30 Jun 76

The purpose of the project is to discover ways to improve local programs. Specific objectives of the mini-grants will be to (1) put new ideas into action, (2) encourage teacher involvement in action research, (3) provide financial support to test these ideas, and (4) obtain tested results to disseminate to other teachers.

SB000245 **VTP-2498**

Development and Use of Specific Strategies for Dissemination of Curriculum Materials in Vocational Education.
Project Director: Gray, Ava
Organization: Arkansas Univ., Fayetteville.
Funding Period: Start Date 1 May 76; End Date 31 Mar 77

The purpose of the project is to familiarize home economics teachers with recently developed curriculum in housing in order to facilitate the uniformity of instruction and increase the adoption rate of new curriculum materials. Project activities include dissemination of materials and inservice education. An evaluation will be conducted to determine the effectiveness of the program.

SB000246 VTP-2535

Utilizing Professional Counseling Services to Reduce the Dropout Rate in Postsecondary Vocational-Technical Education.
Project Director: Leiblong, Burl W.
Organization: Crowley's Ridge Vocational Technical School, Forrest City, Ark.
Funding Period: Start Date 1 Aug 76; End Date 31 Jul 78

This project proposes to provide professional counseling services for the school's students and for two other schools in order to reduce the dropout rate, improve staff competency in student problem identification, and develop pre-enrollment evaluation procedures. Professional counseling services will be available to all students on a weekly basis. Staff development activities will focus on improving competence in student problem identification and in counseling techniques.

SB000247 VTP-2554

A Model to Develop a School-Community Based Adult Education Program.
Project Director: Robertson, Larry
Organization: Cabot Public Schools, Ark.
Funding Period: Start Date 1 Aug 76; End Date 30 Jun 78

This project proposes to develop a model adult education program which will be adopted for use in rural districts as an integral part of the school system and which will lead to training or upgrading of vocational skills. Procedures include a survey of community needs, establishment of a community advisory council, and improvement of the school-community relationship through expanded use of the facilities, news media, and parent-teacher contact.

SB000248

An Education-Industry Exchange Program for Vocational Teacher Education Preparation.
Project Director: Hukill, V. N.
Organization: University of Central Arkansas, Conway.
Funding Period: Start Date 1 Jul 75; End Date 31 Jan 77
Contract and/or Control No.: C7576

The goal of this project is to increase the number of qualified vocational-industrial teachers in Arkansas, thereby raising both the quality and standards of vocational education. Specific objectives will include providing teachers with industry skill training, enabling craftsmen and skilled workers interested in teaching to gain teaching competencies, and developing training curriculum for both populations of participants.

SB000249 VTP-1917

Individualized Vocational Visual Media for Deaf Students.
Project Director: Tarkington, Doyce
Organization: Arkansas School for the Deaf, Little Rock.
Funding Period: Start Date 1 Feb 75; End Date 31 Dec 76

The objective of this project is to develop a visual aid system to enhance the learning of deaf students. To fulfill this objective, learning packages will be field tested in vocational exploratory areas, and the learning abilities of deaf students will be increased through visual media and hands-on activities. It is proposed that visual media be developed for the course and single concept learning packages be used to enhance the learning of handicapped students at the school.

SB000250

A Model for Developing Alternative Administrative Strategies for Maximizing Comprehensive Vocational Program Planning and Evaluation.
Project Director: Nichols, Jack D.
Organization: Arkansas State Dept. of Education, Little Rock.
Funding Period: Start Date 15 Jun 75; End Date 15 Nov 76
Contract and/or Control No.: 498AH50038

The project will develop and implement a school- and community-based model for maximizing the vocational education goals in a local community. The project is designed to explore administrative strategies and alternatives to improve the coordination of all resources for assessment, planning, and management techniques through closer community linkage. Procedures at three model sites will include inservice programs and organization of advisory councils.

Fiscal Year 1977

SB000251 VTP-2894

Development, Field Testing, and Dissemination of a Comprehensive Curriculum Guide in Exploratory Business.
Project Director: Clayton, Dean
Organization: University of Arkansas, Fayetteville.
Funding Period: Start Date 1 Apr 77; End Date 31 Jul 78

The purpose of this project is to develop and field test instructional materials for an exploratory business curriculum. Specific objectives are to plan and conduct personnel development experiences for selected business education teachers in competency-based instructional concepts, develop and field test instructional materials for a comprehensive curriculum guide to explore the careers and competencies in vocational business education, and disseminate the finalized curriculum guide for statewide implementation.

SB000252

Mini-Grants for Local Action Oriented Research to Improve Vocational-Technical Education in Arkansas.
Project Director: Nichols, Jack D.
Organization: Arkansas State Dept. of Education, Little Rock. Div. of Vocational, Technical, and Adult Education.

The purpose of the project is to discover ways to improve local programs. Specific objectives of the mini-grants will be to (1) put new ideas into action, (2) encourage teacher involvement in action research, (3) provide financial support to test these ideas, and (4) obtain tested results to disseminate to other teachers.

SB000253

An Education-Industry Exchange Program for Vocational Teacher Education Preparation.
Project Director: Hukill, V. N.
Organization: University of Central Arkansas, Conway.
Funding Period: Start Date 1 Jul 75; End Date 31 Jan 77
Contract and/or Control No.: C7576

The goal of this project is to increase the number of qualified vocational-industrial teachers in Arkansas, thereby raising both the quality and standards of vocational education. Specific objectives will include providing teachers with industry skill training, enabling craftsmen and skilled workers interested in teaching to gain teaching competencies, and developing training curriculum for both populations of participants.

SB000254

A Model for Developing Alternative Administrative Strategies for Maximizing Comprehensive Vocational Program Planning and Evaluation.
Project Director: Nichols, Jack D.
Organization: Arkansas State Dept. of Education, Little Rock.
Contract and/or Control No.: 498AH50038

The project will develop and implement a school- and community-based model for maximizing the vocational education goals in a local community. The project is designed to explore administrative strategies and alternatives to improve the coordination of all resources for assessment, planning, and management techniques through closer community linkage. Procedures at three model sites will include inservice programs and organization of advisory councils.

SB000255 VTP-2498

Development and Use of Specific Strategies for Dissemination of Curriculum Materials in Vocational Education.
Project Director: Gray, Ava
Organization: Arkansas Univ., Fayetteville.
Funding Period: Start Date 1 May 76; End Date 31 Mar 77

The purpose of the project is to familiarize home economics teachers with recently developed curriculum in housing in order to facilitate the uniformity of instruction and increase the adoption rate of new curriculum materials. Project activities include dissemination of materials and inservice education.

SB000256 VTP-2554

A Model to Develop a School-Community Based Adult Education Program.
Project Director: Robertson, Larry
Organization: Cabot Public Schools, Ark.
Funding Period: Start Date 1 Aug 76; End Date 30 Jun 78

This project proposes to develop a model adult education program which will be adopted for use in rural districts as an integral part of the school system and which will lead to training or upgrading of vocational skills. Procedures include a survey of community needs, establishment of a community advisory council, and improvement of the school-community relationship through expanded use of the facilities, news media, and parent-teacher contact.

SB000257 VTP-2555

Utilizing Professional Counseling Services to Reduce the Dropout Rate in Postsecondary Vocational-Technical Education.
Project Director: Leiblong, Burl W.
Organization: Crowley's Ridge Vocational Technical School, Forrest City, Ark.
Funding Period: Start Date 1 Aug 76; End Date 31 Jul 78

This project proposes to provide professional counseling services for the school's students and for two other schools in order to reduce the dropout rate, improve staff competency in student problem identification, and develop pre-enrollment evaluation procedures. Professional counseling services will be available to all students on a weekly basis. Staff development activities will focus on improving competence in student problem identification and in counseling techniques.

SB000258

Development of Activity Based Learning Experiences to Support the Career Orientation Program in Arkansas.
Project Director: Friedl, Richard T.
Organization: Pulaski County Special School District, Little Rock, Ark.
Funding Period: Start Date 1 May 75; End Date 31 May 77
Contract and/or Control No.: C7564

The purpose of this project is to augment the junior high career orientation program with a series of activity-based learning experiences. The three project phases will focus on identifying activity-based experiences common to each family of occupations in the fifteen occupational clusters, developing and field testing instructional booklets containing the identified activity-based learning experiences, and disseminating the booklets for statewide implementation.

Part D

Fiscal Year 1970

SB000259

Pilot Occupational Education Programs for Small Rural and Suburban Arkansas Schools in Grades One Through Twelve.
Project Director: Dasher, James
Organization: Arkansas State Dept. of Education, Little Rock.
Contract and/or Control No.: D7031

This three-year project will implement a career education project utilizing Commissioner's Share Exemplary funds.

Fiscal Year 1971

SB000260

Pilot Occupational Education Programs for Small Rural and Suburban Arkansas Schools in Grades One Through Twelve.
Project Director: Dasher, James
Organization: Arkansas State Dept. of Education, Little Rock.
Contract and/or Control No.: D7031

This continuing three-year project will implement a career education project utilizing Commissioner's Share Exemplary funds.

SB000261

Area Wide Career Orientation Media Center.
Project Director: Rowe, J. W.
Organization: Red River Vocational Technical School, Hope, Ark.
Contract and/or Control No.: D7245

This two-year project seeks to demonstrate the effectiveness of utilizing a typical postsecondary vocational technical school to provide relevent audiovisual instructional materials to rural schools in the area.

SB000262

Career Education 1-12.
Project Director: Friedl, Fritz
Organization: Pulaski County Special School District, Little Rock, Ark.
Contract and/or Control No.: D7253

The purpose of this two-year project is to implement and demonstrate career education in an urban high school in Arkansas.

SB000263

A Cooperative College-Secondary School Project to Provide Vocational-Technical Training for High School Students in Sebastian County, Westark Community College.
Project Director: Hudson, Richard
Organization: Westark Community Coll., Ft. Smith, Ark.
Contract and/or Control No.: D7256

This three-year project will demonstrate the effectiveness of utilizing the facilities of a community college to provide vocational and technical training to secondary students in the area.

SB000264

Grounds Maintenance Course.
Organization: Petit Jean Vocational Technical School, Ark.

Descriptive information unavailable.

SB000265

Demonstration Career Development Centers.
Project Director: Dasher, Jim
Organization: Arkansas State Dept. of Education, Little Rock.
Contract and/or Control No.: D7231

Implementing career development centers in four high schools utilizing the counselor's role in career education is the goal of this project.

SB000266

Career Development High Interest Multi-Media Program for Students With Behavioral Problems.
Project Director: Fleming, Glen
Organization: Little Rock Public Schools, Ark.
Contract and/or Control No.: D7242

The primary objective of this project is to implement a multimedia career development program for students sent to an alternative school because of behavioral problems.

SB000267

Institute for Career Development.
Project Director: Golden, Jim
Organization: Arkansas State Univ., Jonesboro.
Contract and/or Control No.: D7224

This project will train thirty-five guidance counselors in the basic concepts of career education. Three hours of college credit will be granted to each participant.

Fiscal Year 1972

SB000268

Pilot Occupational Education Programs for Small Rural and Suburban Arkansas Schools in Grades One Through Twelve.
Project Director: Dasher, James

Organization: Arkansas State Dept. of Education, Little Rock.
Contract and/or Control No.: D7031

This continuing three-year project will implement a career education project utilizing Commissioner's Share Exemplary funds.

SB000269

Area Wide Career Orientation Media Center.
Project Director: Rowe, J. W.
Organization: Red River Vocational Technical School, Hope, Ark.
Contract and/or Control No.: D7245

This continuing two-year project seeks to demonstrate the effectiveness of utilizing a typical postsecondary vocational technical school to provide relevent audiovisual instructional materials to rural schools in the area.

SB000270

Career Education 1-12.
Project Director: Friedl, Fritz
Organization: Pulaski County Special School District, Little Rock, Ark.
Contract and/or Control No.: D7253

The purpose of this continuing two-year project is to implement and demonstrate career education in an urban high school in Arkansas.

SB000271

A Cooperative College-Secondary School Project to Provide Vocational-Technical Training for High School Students in Sebastian County, Westark Community College.
Project Director: Hudson, Richard
Organization: Westark Community Coll., Ft. Smith, Ark.
Contract and/or Control No.: D7256

Continuation of this three-year project will provide a demonstration of the effectiveness of utilizing the facilities of a community college to provide vocational and technical training to secondary students in the area.

SB000272

Grounds Maintenance Course.
Organization: Petit Jean Vocational Technical School, Ark.

Descriptive information unavailable.

SB000273

Demonstration Career Development Centers.
Project Director: Dasher, Jim
Organization: Arkansas State Dept. of Education, Little Rock.
Contract and/or Control No.: D7231

Implementing career development centers in four high schools utilizing the counselor's role in career education is the goal of this continuing project.

SB000274

Career Development High Interest Multi-Media Program for Students With Behavioral Problems.
Project Director: Fleming, Gene
Organization: Little Rock Public Schools, Ark.
Contract and/or Control No.: D7242

The primary objective of this project is to implement a multimedia career development program for students sent to an alternative school because of behavioral problems.

SB000275

Career Education 1-12, Greene County Tech School District.
Organization: Greene County Technical School District, Paragould, Ark.
Contract and/or Control No.: D7322

This two-year project intends to implement and demonstrate career education in a typical middle size school in Arkansas.

SB000276

Career Education 1-12, Mena Public Schools.
Project Director: Abernathy, Bill
Organization: Mena Public Schools, Ark.
Contract and/or Control No.: D7321

This two-year project proposes to implement and demonstrate career education in a typical rural school in Arkansas.

SB000277

Continuing Placement Service.
Project Director: Vandergriff, Harry
Organization: Fayetteville Public Schools, Ark.
Contract and/or Control No.: D7213

The purpose of this project is to implement and demonstrate a model job placement service for all school leavers.

Fiscal Year 1973

SB000278

Continuing Placement Service.
Project Director: Vandergriff, Harry
Organization: Fayetteville Public Schools, Ark.
Contract and/or Control No.: D7213

The purpose of this project is to implement and demonstrate a model job placement service for all school leavers.

SB000279

Vocational Orientation 1-12, Buffalo River Education Cooperative.
Organization: Jasper Public Schools, Ark.
Contract and/or Control No.: D7334

The purpose of this project is to implement vocational orientation in six rural schools utilizing an educational cooperative.

SB000280

Pilot Occupational Education Programs.
Organization: Arkansas State Board of Vocational Education, Little Rock.

Descriptive information unavailable.

SB000281

Career Development High Interest Multi-Media Program for Students With Behavioral Problems.
Project Director: Fleming, Gene
Organization: Little Rock Public Schools, Ark.
Contract and/or Control No.: D7242

The primary objective of this project is to implement a multimedia career development program for students sent to an alternative school because of behavioral problems.

SB000282

Career Education 1-12.
Project Director: Friedl, Fritz
Organization: Pulaski County Special School District, Little Rock, Ark.

The purpose of this project is to implement and demonstrate career education in an urban high school in Arkansas.

SB000283

A Cooperative College-Secondary School Project to Provide Vocational-Technical Training for High School Students in Sebastian County, Westark Community College.
Project Director: Hudson, Richard
Organization: Westark Community Coll., Ft. Smith, Ark.
Contract and/or Control No.: D7256

Continuation of this three-year project will provide a demonstration of the effectiveness of utilizing the facilities of a community college to provide vocational and technical training to secondary students in the area.

SB000284

Area Wide Career Orientation Media Center.
Project Director: Rowe, J. W.
Organization: Red River Vocational Technical School, Hope, Ark.
Contract and/or Control No.: D7245

This continuing two-year project seeks to demonstrate the effectiveness of utilizing a typical postsecondary vocational technical school to provide relevent audiovisual instructional materials to rural schools in the area.

SB000285

Career Education 1-12, Greene County Technical School District.
Organization: Greene County Technical School District, Paragould, Ark.
Contract and/or Control No.: D7322

This continuing project intends to implement and demonstrate career education in a typical middle size school in Arkansas.

SB000286

Career Education 1-12, Mena Public Schools.
Project Director: Abernathy, Bill
Organization: Mena Public Schools, Ark.
Contract and/or Control No.: D7321

This second-year continuation intends to implement and demonstrate career education in a typical rural school in Arkansas.

SB000287

A Model Cluster Approach to Vocational Orientation.
Organization: Brookland School District, Ark.

Descriptive information unavailable.

Fiscal Year 1974

SB000288

A Model Cluster Approach to Vocational Orientation.
Organization: Brookland School District, Ark.

Descriptive information unavailable.

Fiscal Year 1975

SB000289 VTP-1828

Training Licensed Psychiatric Technical Nurses at a Typical Arkansas Vocational Technical School.
Project Director: Wear, Charles
Organization: Petit-Jean Vocational Technical School, Morrilton, Ark.
Funding Period: Start Date 20 Jan 75; End Date 19 Jan 76

The objectives of this project are to demonstrate that the number of licensed mental health workers can be increased in a specific geographical area, design a curriculum for training LPNs to become LPTNs, and investigate the impact of the program on the mental health services of a local community. Several mental health facilities are available for local clinical experience. Two classes of six months duration will be conducted with eight students in each.

Fiscal Year 1976

SB000290 VTP-2496

Broadening Occupational Aspirations and Opportunities for Youth.
Project Director: Rush, Ernest
Organization: Little Rock School District, Ark.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The objectives of this program are to promote student enrollment in the Metropolitan Vocational-Technical Educational Center (MVTEC) programs, provide job placement counseling to students enrolled in the programs, and assist in job placement for disadvantaged students who are prospective dropouts.

SB000291 VTP-2497

Curriculum Development for Vocational Agriculture.
Project Director: Castleman, Clayton
Organization: Stuttgart School District, Ark.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purposes of this project are to conduct inservice training in the development of curriculum in highly specialized agricultural areas, develop curriculum guides for specialized courses, and conduct workshops to inform teachers from other school districts about the project. Vocational agriculture teachers will attend training sessions during the summer. During the school year, teachers will have two class periods for curriculum development and one period for conferences.

SB000292

Hospitality Industries Training Program.
Project Director: Hunter, William
Organization: Quapaw Vocational-Technical School, Hot Springs, Ark.
Contract and/or Control No.: D7531

This project will provide either exploratory or skills training in the hospitality industries trade to high school students, basic entry level employees, and intermediate level supervisory personnel. A curriculum for the hospitality industries that is transferable to other vocational and technical schools will be made available.

SB000293

Development of Articulation Between High School and Post-Secondary Curriculum Choice.
Project Director: Formby, Ron
Organization: Rich Mountain Vocational-Technical School, Mena, Ark.
Contract and/or Control No.: D7534

The objectives of this project are to investigate a procedure for ascertaining entry level skills, thereby allowing open entry in a vocational and technical school and omitting unnecessary duplication, and to determine competency in a technical skill. The vocational technical school will work with secondary instructors to further articulation between high school and postsecondary courses.

SB000294

Training Licensed Psychiatric Technical Nurses at a Typical Arkansas Vocational Technical School.
Project Director: Duvall, Peggy
Organization: Petit-Jean Vocational Technical School, Ark.
Contract and/or Control No.: D7533

The objectives of this continuing project are to demonstrate that the number of licensed mental health workers can be increased in a specific geographical area, design a curriculum for training LPNs to become LPTNs, and investigate the impact of the program on the mental health services of a local community. Several mental health facilities are available for local clinical experience. Two classes of six months duration will be conducted with eight students in each.

SB000295

A Prescriptive Vocational Evaluation System to Serve the Special Needs Student.
Project Director: Madden, Bob
Organization: Pulaski County Special School District, Little Rock, Ark.
Contract and/or Control No.: D7532

This project intends to evaluate tenth grade special needs students in a minimum of nine occupational modules and then develop a vocational profile on each student. After the profiles are developed, individual prescriptive teaching packets will be developed encompassing the duration of each student's secondary school experience.

SB000296

Development of a Pre-Employment Career Orientation Program for General Cooperative Education.
Project Director: Pruitt, Larry
Organization: Gravette Public Schools, Ark.

Contract and/or Control No.: D7621

The primary objectives of this project are to develop a pre-employment general cooperative education curriculum for tenth grade students and to develop learning activity packets on the general cooperative education core curriculum.

SB000297

Vocational Orientation.
Project Director: Vandiver, John
Organization: Herber Springs High School, Ark.
Contract and/or Control No.: D7711

The primary objective of this project is to implement a vocational orientation program at the junior high level.

SB000298

Vocational Orientation.
Project Director: Coates, Bill
Organization: Batesville High School, Ark.
Contract and/or Control No.: D7712

The primary goal of this project is to implement a vocational orientation program at the junior high level.

Fiscal Year 1977

SB000299 **VTP-2496**

Broadening Occupational Aspirations and Opportunities for Youth.
Project Director: Rush, Ernest
Organization: Little Rock School District, Ark.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The objectives of this three-year program are to (1) promote student enrollment in the Metropolitan Vocational-Technical Education Center (MVTEC) programs, (2) establish a model for student recruitment procedures for use by other area vocational secondary schools, (3) provide job placement counseling to students enrolled in vocational training programs, and (4) assist in job placement for disadvantaged students who are prospective dropouts. The project will provide for the employment of a vocational recruitment specialist who will develop and implement a student recruitment program for MVTEC.

SB000300 **VTP-2497**

Curriculum Development for Vocational Agriculture.
Project Director: Castleman, Clayton
Organization: Stuttgart School District, Ark.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purposes of this project are to conduct inservice training in the development of curriculum in highly specialized agricultural areas, develop curriculum guides for specialized agricultural courses, and conduct workshops to inform teachers from other school districts about the project. Vocational Agriculture teachers will attend curriculum development inservice training sessions during the summer months. During the school year, teachers will have two class periods for curriculum development and one period for conferences.

SB000301

Vocational Orientation.
Project Director: Coates, Bill
Organization: Batesville High School, Ark.
Contract and/or Control No.: D7712

The primary goal of this project is to implement a vocational orientation program at the junior high level.

SB000302

Participation in Project CELIT.
Organization: Arkansas Univ., Fayetteville.

Descriptive information unavailable.

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SB000303 **VTP-057**

Work Experience Education Research for Accountability.
Project Director: Schroeder, Walter
Organization: California State Polytechnic Coll., San Luis Obispo.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project is designed to perfect the goals and objectives developed by the California State Department of Education; provide instruments to measure the objectives; develop learning activities for students; and field test the results by applying these goals, objectives, and activities to students in actual work experience education programs. An ongoing evaluation of the efficiency and effectiveness of the project will be undertaken.

SB000304 **VTP-055**

Youth Guidance Systems.
Project Director: McDaniel, H. B.
Organization: College Entrance Examination Board, Palo Alto, Calif.
Funding Period: Start Date 1 May 71; End Date 1 Jun 73

The purposes of this project are to further develop and test a model guidance system for secondary schools, thus establishing informed vocational and educational decision making by students as the goal, and to delineate the cooperative actions required to establish change in the schools. Pilot schools will participate in the program. Group guidance units will be conducted.

SB000305 **VTP-056**

Comparative Costs of Manpower Education: A Methodological Study.
Project Director: Oettinger, Martin P.
Organization: California Univ., Davis. Dept. of Economics.
Funding Period: Start Date 1 Apr 71; End Date 30 Sep 71

The objective of this project is to compare one manpower educational program with another and construct a methodological model. Data from training programs for aircraft mechanics will be used to show the relationships to be compared and for testing the methodology when the model is developed. A vector of characteristics for each program will be constructed. Employers will be interviewed to determine a price for each element in the vector.

SB000306 **VTP-054**

An Experimental Research Project to Test a More Effective Means to Achieve Stated Work Experience Education Program Goals.
Project Director: Valladao, William P.
Organization: San Joaquin County Superintendent of Schools, Stockton, Calif.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

Using a work experience education program, the project will study two distinct problems as they relate to the level of achievement of vocational goals. The method to be used will consist of preparing validated proceduralized instructions for students to use on the job to guide them in performing tasks not covered by school instruction. The project will be evaluated by measuring the effectiveness of student work stations before and after the introduction of proceduralized instructions.

SB000307 **VTP-059**

The Ventura County Manpower Projection Model.
Project Director: Lawson, William H.
Organization: Ventura County Superintendent of Schools, Calif.
Funding Period: Start Date 1 Mar 71; End Date 30 Jun 72

This project is designed to identify and develop a short-term manpower projection model and its adjacent labor market areas. Phase I efforts will be to design the projection model and field test it. Phase II efforts will be directed towards the expansion of the model and its preliminary implementation. Research will determine the best projection techniques to use for obtaining occupational employment data.

SB000308 **VTP-060**

A Study of the VIEW System in California.
Project Director: Whitfield, Edwin A.
Organization: San Diego County Dept. of Education, Calif.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

Project VIEW (Vocational Information for Education and Work) has experienced a broad growth which has been such that no standard has been developed to make VIEW efficient and less expensive by avoiding a duplication of effort and materials. A joint effort of ten VIEW centers, the project will employ a contractor to (1) identify and analyze the common elements and differences in the programs, (2) determine and describe the practices which enhance or inhibit effective utilization, (3) determine the most efficient and economical method for the use of materials, and (4) develop a model system based upon findings.

SB000309 **VTP-061**

Effectiveness of Occupational Training for Disadvantaged and Handicapped Youth and Adults.
Project Director: Swanson, J. Chester
Organization: Napa County Superintendent of Schools, Calif.
Funding Period: Start Date 1 Apr 71; End Date 31 Mar 72

This project will determine what each training agency is doing, the costs, what needs are being met effectively, and which needs are not being met. Evaluation of the project will include evaluation during both the operational and terminal states. Evaluation of the final results will be made on a form provided, and the results sent to interested agencies.

SB000310 **VTP-142**

Secondary Schools Pilot and Demonstration Project for the Allied Health Occupations.
Project Director: Barlow, M. L.
Organization: California Univ., Los Angeles. Div. of Vocational Education.
Funding Period: Start Date 1 Jan 71; End Date 30 Jun 73

The purpose of this study is to evaluate the experimental Basic Introduction to Allied Health curriculum in terms of the effects it has had on participating students, and to test the effectiveness of the first-year curriculum in motivating students toward choosing careers in the professions and preparing them to pursue courses leading to employment. Evaluation will be made by measuring students' progress toward the objectives of the program and by comparing the performance and progress of the experimental group with those of a control group.

SB000311 VTP-307

Evaluation System Model for the Basic Functions of Vocational Education in California.
Project Director: Branch, Robert L.
Organization: Sacramento County Dept. of Education, Calif.
Funding Period: Start Date 1 Jun 71; End Date 31 May 72

The purpose of the project will be to design, field test, and assess a vocational educational evaluation model for use by high school districts and the regional occupation center. The procedures will include conceptualizing the model, designing the system, designing a computer subsystem, field testing the model, and evaluating the project.

SB000312 VTP-143

An Evaluative Follow-up Study of Vocational Education and Training Programs for Disabled/Disadvantaged Persons.
Project Director: Vash, Carolyn L.
Organization: Rancho Los Amigos Hospital, Inc., Downey, Calif. Vocational Services.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of the investigation is twofold. First, it intends to demonstrate the long-term effectiveness of a multifaceted program of vocational education and training for handicapped and disadvantaged persons. Second, it will examine a number of variables derived from earlier investigations in relation to short-term benefits of the program. Four samples will be selected for the study.

SB000313 VTP-301

San Francisco Bay Area Environmental Education Needs Study.
Project Director: Fish, Duane
Organization: West Valley Joint Community Coll., Campbell, Calif.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project is directed toward identifying technician positions and, through a job task analysis, the knowledge necessary for employment in different positions. This information will be used to determine the need for training programs. An environmental education council will act as a liaison between educational institutions and employers of technicians.

SB000314 VTP-308

Feasibility Study and Task Analysis for Vocational Curriculum to Train Environmental Technicians.
Project Director: Vernon, James Y.
Organization: Los Angeles City Coll., Calif.
Funding Period: Start Date 1 Nov 71; End Date 30 Apri 72

Industry and governmental agencies will use technician-trained individuals to monitor instrumentation on pollutants. These individuals may also operate equipment as well as collect data for and make drafts of reports. This program proposes a new career task analysis to determine the extent of the need for such individuals, the specific tasks to be performed, and the required training.

SB000315 VTP-302

A Cost Analytic Model for Santa Barbara City College Day Credit Vocational and Non-Vocational Courses.
Project Director: MacMillan, Thomas F.
Organization: Santa Barbara City Coll., Calif.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objectives of this study are to refine and extend the allocation model developed for San Diego community colleges to vocational programs at Santa Barbara City College and use the data to test the cost effectiveness of specified programs. The procedures for this study will include writing a computer program to accumulate salary costs and enrollment data and analyzing the allocation or resources.

SB000316 VTP-305

Performance and Attitude Guidance Selection Model for Vocational Training.
Project Director: Stormes, John M.
Organization: Southern California Regional Occupational Center, Torrance.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project seeks to develop a guidance model for vocational education which will predict trainee performance in an instructional program and to refine the model so that changes in performance and attitudes after completion of the program may be predicted. Objectives include identifying factors in the guidance process which have resulted in success of students at the center and isolating factors attributable to the guidance program.

SB000317 VTP-306

Evaluation Model Development for Marine Technology Programs.
Project Director: Heinkel, Otto A.
Organization: San Diego Community Coll., Calif.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to design, develop, and demonstrate a model(s) for judging priorities toward conducting and funding marine technology programs in community colleges. The project will field develop and validate instruments for assessing program needs and effectiveness. The major activities include identifying industry and college program areas for analysis and assessing industry skill requirements and supply and demand.

SB000318 VTP-322

Research to Develop a Model Instructional Program in the Office Cluster of Business Occupations.
Project Director: McFann, Howard H.
Organization: Pacific Grove Unified School District, Calif.
Funding Period: Start Date 1 Jul 71; End Date 1 Jul 72

The objective of this project is to design a job instructional model, incorporating an adjunct skills center using the office cluster of business occupations as a vehicle. This research will be devoted to developing an integrated model in the office occupations context, and to planning and designing a full scale empirical test of the model. The project will be conducted in three phases.

SB000319 VTP-324

An Instructional Assessment System for Vocational Education Programs.
Project Director: Frankel, Steve
Organization: Fresno County Dept. of Education, Calif.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project deals with designing and testing an instructional assessment system for vocational education programs. Procedures to build and test this system include establishing performance objectives for an automotive tuneup course, developing a system design document based on research on the input measures and report formats, and programming the system to operate on data processing equipment.

SB000320 VTP-189

An Approach to Quantitative Assessment of Present and Future Occupational Needs and Opportunities.
Project Director: Dodson, Edward N.
Organization: Santa Barbara County Schools, Calif.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objective of this project is to develop a model for forecasting occupational needs and opportunities which will increase the foresight of vocational education planners. This model will be adaptable to various regions, and documented with complete instructions and computer programs. Economic base models will be developed for two diverse economic regions in the county; basic and local industries will be identified and integrated in a model of each region.

SB000321 VTP-323

A Research Project to Test a Coordinated Instruction Employment Counseling System Focusing on Student Adjustment to Work.
Project Director: Wiens, Jacob
Organization: San Mateo Junior Coll. District, Calif.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objectives of this project are to test the effectiveness of a televised approach to a behavioral model designed to establish positive attitudes leading to employment success in disadvantaged workers, and to test the feasibility of a coordinated instruction system to improve the quality of guidance. A program will be prepared for television, tested with students, and evaluated as to its effectiveness.

SB000322 VTP-190

A Study of Factors Associated with Willingness of Home Economics Teachers to Teach Wage-Earning Home Economics.
Project Director: Bowden, Shirley S.
Organization: Fresno State Coll., Calif. Dept. of Home Economics.
Funding Period: Start Date 1 Sep 71; End Date 30 Jun 72

This teacher attitudes study intends to ascertain the characteristics of the teacher population including average years of teaching and the correlation between and among the teachers' characteristics, their work values, availability of personnel programs, and willingness to teach wage-earning home economics. A questionnaire will be mailed to home economics teachers in junior and senior high schools and community colleges in five counties.

SB000323 VTP-191

Profiles of Community College Students in Career Programs for Use in Occupational Counseling.
Project Director: Knoell, Dorothy M.
Organization: California Community Colleges, Sacramento. Office of the Chancellor.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to develop, field test, and validate a model for organizing data on student characteristics for use in career counseling, the development of new occupational programs, and the establishment of an information system for the students. The model will use data which are available in existing records but are underutilized for counseling. A panel of experts and potential users will be used to validate the model. Field testing will be done in colleges on a pilot basis.

SB000324 VTP-192

A Field Study to Determine Characteristics of Most Successful Vocational Education Programs.
Project Director: Brooks, Walter
Organization: Napa Coll., Calif.
Funding Period: Start Date 30 Jun 71; End Date 30 Jun 72

The purpose of the project is to identify and make available for college use the criteria associated with the most successful vocational education programs in twenty community colleges. The most successful programs in each of the colleges will be identified. Common characteristics of the most successful programs will be identified and contrasted with those of programs not selected but which train students in a comparable curriculum, and the patterns will be analyzed for significant differences.

SB000325 VTP-193

Training in Management and Information Systems for Vocational Education in California Community Colleges.
Project Director: Heinkel, Otto A.
Organization: San Diego Community Colleges, Calif.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objectives of the project are to produce strategically located leaders trained and experienced in project design and management; produce viable, comprehensive system plans for accomplishing state and local priority needs; and document and package the internship system for export. The procedures will include selecting participants and proposed projects and arranging for materials, personnel, and services required for the program.

SB000326 VTP-194

Vocational Information System Model.
Project Director: Adams, Herbert S.
Organization: California Community Colleges, Sacramento. Office of the Chancellor.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objective of this project is to develop, test, and validate a model for the Vocational Division of Office of the Chancellor. The project calls for three activities: a survey of the present reporting requirements and the activities of the data recipients, a review of the existing system, and implementation of the recommendations for modification on a test and validate basis.

SB000327 VTP-145

Reflections of the Community: The Community Aide and Home Economics Education.
Project Director: Whisler, Lois
Organization: Kern Joint Union High School District, Bakersfield, Calif. Div. of Vocational Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project proposes to study the contribution of the paraprofessional in home economics as the means by which community needs may be reflected to the school staff. This will provide information to aid in the modification of home economics curricula, methods, and student attitudes toward home economics instruction.

SB000328 VTP-265

An Evaluation of a Staff and Community Implemented Model Integrating Career Development Concepts in a Total Educational Program, K-12.
Project Director: Buchanan, Isham
Organization: Alameda County School Dept., Hayward, Calif.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this study is to evaluate the effects of a development program on selected behaviors of students, parents, school staff, and community participants. The procedures will include a pre- and post-attitudes survey of participants; a pre- and post-assessment of vocational maturity of students; and a tabulation of parental and community participation in activities as compared with a control school.

SB000329 VTP-157

A Model for Evaluating Vocational Education Programs for the Handicapped and Disadvantaged in the Community Colleges.
Project Director: Tadlock, Max
Organization: De Anza Coll., Cupertino, Calif.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project proposes to develop a model and related processes to enable a community college to evaluate its effectiveness in vocational education for the disadvantaged. This evaluation will assist the school in measuring the effectiveness of changes relative to vocational success. A project team of professional researchers in community college education will develop background information, a suggested model, and processes for implementation.

SB000330 VTP-173

A Proposal for the Research and Evaluation of Followup Studies of High School Graduates Using Sampling Methods.
Project Director: Harris, William
Organization: Santa Barbara County Schools, Calif.
Funding Period: Start Date 1 Sep 71; End Date 30 Jun 72

The purpose of the project is to evaluate alternative sampling methods for gaining valid information about the vocational activities of graduates. The outcome of the project will be validated sampling models and statements of the associated errors. The cost effectiveness of using the sampling models versus the total populations will be determined. The effective models will be disseminated, and an analysis will be made of the required updating.

SB000331

A Project to Develop a Cost/Benefit Model for Vocational Programs at the College of Alameda.
Organization: Peralta Community Coll. System, Oakland, Calif.

Descriptive information unavailable.

SB000332

Field Testing of a Computer Based Manpower Projection System.
Project Director: Thompson, Ralph
Organization: Sacramento County Office of Education, Calif.

The objectives of this study are to develop instructional methodology for teaching data analysis techniques, assist participating schools and programs in gathering data for their respective programs, and determine cost data difference between a district's current system of making projections and the computer-based model. Instructional techniques and audiovisual aids will be developed for conducting seminars for educators. The seminars will be a forum for explaining the operation of the computer for short- and long-range planning, monitoring, and manpower projection for vocational programs.

SB000333

Field Test of Project 42-10421-CO-48-71: The Research and Evaluation of Follow-Up Studies of High School Graduates Using Sampling Methods.
Project Director: Harris, William
Organization: Santa Barbara County Schools, Calif.

The objectives of this report are to determine if the sampling model maintains its validity when it is applied to follow-up studies in different schools, determine if prior orientation of the graduates is an effective means of increasing the response rates of follow-up studies, and determine if schools will implement the sampling system if it is proven valid. Student records in selected schools will be analyzed, and all graduates will be classified with respect to four stratification variables.

SB000334

Manpower Projection Model System: Phase I.
Project Director: Lawson, William
Organization: Ventura County Superintendent of Schools, Calif.

The objectives of this project are to field test the early-warning I-O matrix in three to five State Manpower Service Agencies (SMSAs) to determine the adaptability of the matrix to local conditions; update, revise, and produce a kit that can be utilized with minimal inservice training; finalize a system for validating the matrix; and develop the research methodology for determining labor market areas.

Fiscal Year 1972

SB000335 VTP-821

Field Testing of a Computer Based Manpower Projection System.
Project Director: Thompson, Ralph
Organization: Sacramento County Office of Education, Calif.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objectives of this study are to develop instructional methodology for teaching data analysis techniques, assist participating schools and programs in gathering data for their respective programs, and determine cost data difference between a district's current system of making projections and the computer-based model. Instructional techniques and audiovisual aids will be developed for conducting seminars for educators. The seminars will be a forum for explaining the operation of the computer for short- and long-range planning, monitoring, and manpower projection for vocational programs.

SB000336 VTP-834

Field Test of Project 42-10421-CO-48-71: The Research and Evaluation of Follow-Up Studies of High School Graduates Using Sampling Methods.
Project Director: Harris, William
Organization: Santa Barbara County Schools, Calif.
Funding Period: Start Date 1 Oct 72; End Date 30 Jun 73

The objectives of this report are to determine if the sampling model maintains its validity when it is applied to follow-up studies in different schools; determine if prior orientation of the graduates is an effective means of increasing the response rates of follow-up studies; and determine if schools will implement the sampling system if it is proven valid. Student records in selected schools will be analyzed, and all graduates will be classified with respect to four stratification variables.

SB000337 VTP-832

Manpower Projection Model System: Phase II.
Project Director: Lawson, William
Organization: Ventura County Superintendent of Schools, Calif.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The purposes of this project phase are to further refine the Manpower Projection Model (which is a systematic method for obtaining vitally needed information on labor market demand and a better understanding of the nature of work for vocational education planners) to develop a field-testing process for the model to determine its validity in other Standard Metropolitan Statistical Areas (SMSAs), and to pilot test a program of inservice training.

SB000338 VTP-805

Field Test of a Vocational Research Training Model that Integrates Management and Evaluation Concepts.
Organization: San Diego Community Coll., Calif.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objectives of this project are to develop and field test a training, planning, and evaluation model which will be judged as acceptable or better on a rating scale, significantly increase the quality of research analysis and design of pilot trainees, increase the quality of at least one locally developed management plan and evaluation design per trainee, and obtain commitment from some of the trainees to use the training concepts in their future activities.

SB000339

Priority Determination for Vocational Education Through a Formal Needs Assessment Process.
Organization: San Diego Community Coll., Calif.

The purpose of this project is to develop and field test a system for conducting formal needs assessments for vocational education in California community colleges. Procedures will include identifying potential client populations and their areas of concern, assigning priorities to these populations and areas of concern, and identifying and assigning priorities to needs within the areas of concern for selected populations.

SB000340 VTP-820

Nor Cal Research Training Workshop for Vocational Educators.
Project Director: MacMillan, Thomas
Organization: Shasta Coll., Redding, Calif. Nor Cal Research Group.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73

The objectives of this project are to assist teams of educators from fifteen Northern California community colleges in identifying, describing, and conducting research necessary to solve at least one problem area in a vocational education function, provide each team with training in a systems planning model and in the necessary research techniques, and increase the probability that the educator will use the available campus research resources.

SB000341

Labor Market Analysis Survey for Handicapped Students.
Organization: South County Joint Junior Coll. District, Hayward, Calif.

This project proposes to determine the most efficient method of developing and utilizing a model resource handbook for high school and college counselors in the South County Joint Community College District. The purpose of the handbook would be to provide occupational information necessary to guide the handicapped student in selecting and pursuing a realistic career choice.

SB000342

Preparing Single Farm Workers for Alternative Employment Programs.
Organization: California Univ., Davis Univ. Extension.

The goal of this project is to develop information about potential employment for those unattached men who have traditionally comprised the predominately agriculture casual labor market. The information is to be used in planning vocational education programs for older workers who have little or no experience in the structured labor market. Other objectives include ascertaining the demand for casual or "odd-job" labor and obtaining information on the skills and attitudes of the target population.

SB000343 VTP-833

Action Research Training for Vocational Educators.
Project Director: Evraiff, William
Organization: California State Univ., San Francisco. Frederick Burk Foundation for Education.
Funding Period: Start Date 1 Feb 73; End Date 31 May 73

The training program is intended to further develop the research skills and competencies of vocational educators. The emphasis will be on training for research oriented toward asking relevant questions and investigating problems concerning present vocational education programs. A pre-assessment process will involve a critique of research reports and a diagnostic test of five research skills. Interviews

with each trainee will result in a list of objectives to be met in one or more of the research skills.

SB000344 **VTP-818**

Establishing Occupational Education Research in California Community Colleges.
Project Director: Ebey, George
Organization: Foothill Community Coll. District, Los Altos Hills, Calif.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objective of this study is to assess the strengths and the needs for improvement in the occupational education program of community colleges. The assessment will be made using an evaluation system and the trained observers produced by the California Community College Occupational Programs Evaluation System (COPES) project. A planning and internal evaluation committee will meet periodically to assess the procedures and progress of the project. A four-person external panel will perform the external evaluation function.

SB000345 **VTP-819**

Synthesis of Handicapped and Disadvantaged Vocational Education Model into COPES Design.
Project Director: Ebey, George
Organization: Foothill Community Coll. District, Los Altos Hills, Calif.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objectives of this project are to adapt the evaluation model to the California Community College Occupational Programs Evaluation System (COPES) design, refine this subsystem in three field tests, and orient all COPES team members in the use of this evaluation subsystem. The planning and internal evaluation committee will analyze the existing model and propose whatever modifications they consider necessary to adapt the model to the COPES design. The modified design will be tested in three community colleges. Further refinement in the system will be made as a result of these field tests.

SB000346 **VTP-817**

Development of an Audio-Visual Self-Identification Model for Use in Vocational Counseling.
Project Director: Cherdack, Arthur N.
Organization: East Los Angeles Coll., Calif.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The purpose of this project is to develop audiovisual materials that accurately display what selected occupations listed in the "Dictionary of Occupational Titles" entail, how persons employed in these occupations feel about their work, and characteristics that typify workers in these areas. This project focuses on combating the unhappiness displayed by those already in inappropriate jobs and by those that will soon follow if effective programs are not instituted.

SB000347 **VTP-816**

Research on Intrinsic-Extrinsic Motivation Concepts as Applied to Selected Vocational Instructional Programs.
Project Director: Nelson, Hilding
Organization: Mount San Jacinto Coll., Gilman Hot Springs, Calif.
Funding Period: Start Date 1 Sep 72; End Date 1 Jul 73

The purposes of this study are to identify the relationship between the type of student learning motivation and the type of learning material presented, and identify the type of student learning motivation and the orientation of the instructor. A verbal intelligence score will be obtained for and the occupational preference inventory will be given to each student. Based on the results, the students will be divided into four groups which will be equated for intelligence level and chronological age.

SB000348

Relationship of Federal Grants-In-Aid Program to National Goals for Career Education and Criteria for Grants-In-Aid.
Organization: California Univ., Berkeley. Div. of Vocational Education.

Descriptive information unavailable.

Fiscal Year 1973

SB000349

Northern California Research Training Workshop for Vocational Educators.
Organization: Shasta Coll., Redding, Calif.

Descriptive information unavailable.

SB000350

Field Testing of a Computer-Based Manpower Projection System.
Organization: Sacramento County Office of Education, Calif.
Contract and/or Control No.: 34-10348-C-096-73

This project is designed to field test a computer-based manpower projection system developed previously. The system will be field tested by training vocational educators to use it and observing the results in terms of improved educational planning abilities and cost effectiveness relative to current practices. The educators will be trained in a series of three seminars and tested to measure their knowledge before and after training.

SB000351

Development of an Audio-Visual Self-Identification Model for Use in Vocational Counseling.
Project Director: Cherdack, Arthur N.
Organization: East Los Angeles Coll., Calif.

The purpose of this project is to develop audiovisual materials that accurately display what selected occupations listed in the "Dictionary of Occupational Titles" entail, how persons employed in these occupations feel about their work, and characteristics that typify workers in these areas. This project focuses on combating the unhappiness displayed by those already in inappropriate jobs and by those that will soon follow if effective programs are not instituted.

SB000352

Synthesis of Handicapped and Disadvantaged Vocational Education Model into COPES Design.
Project Director: Ebey, George
Organization: Foothill Community Coll. District, Los Altos Hills, Calif.

The objectives of this project are to adapt the evaluation model to the California Community College Occupational Programs Evaluation System (COPES) design, refine this subsystem in three field tests, and orient all COPES team members in the use of this evaluation subsystem. The planning and internal evaluation committee will analyze the existing model and propose whatever modifications they consider necessary to adapt the model to the COPES design. The modified design will be tested in three community colleges. Further refinement in the system will be made as a result of these field tests.

SB000353

Research on Intrinsic-Extrinsic Motivation Concepts as Applied to Selected Vocational Instructional Programs.
Project Director: Nelson, Hilding
Organization: Mount San Jacinto Coll., Gilman Hot Springs, Calif.

The purposes of this study are to identify the relationship between the type of student learning motivation and the type of learning material presented, and identify the type of student learning motivation and the orientation of the instructor. A verbal intelligence score will be obtained for and the occupational preference inventory will be given to each student. Based on the results, the students will be divided into four groups which will be equated for intelligence level and chronological age.

SB000354

Field Test of a Vocational Research Training Model that Integrates Management and Evaluation Concepts.
Organization: San Diego Community Coll., Calif.

The objectives of this project are to develop and field test a training, planning, and evaluation model which will be judged as acceptable or better on a rating scale, significantly increase the quality of research analysis and design of pilot trainees, increase the quality of at least one locally developed management plan and evaluation design per trainee, and obtain commitment from some of the trainees to use the training concepts in their future activities.

SB000355

Establishing Occupational Education Research in California Community Colleges.
Project Director: Ebey, George
Organization: Foothill Community Coll. District, Los Altos Hills, Calif.

The objective of this study is to assess the strengths and the needs for improvement in the occupational education program of community colleges. The assessment will be made using an evaluation system and the trained observers produced by the California Community College Occupational Programs Evaluation System (COPES) project. A planning and internal evaluation committee will meet periodically to assess the procedures and progress of the project. A four-person external panel will perform the external evaluation function.

SB000356

Evaluation of Career Education Activities at 10 Project Sites in California.
Organization: San Mateo County Office of Education, Redwood City, Calif.
Contract and/or Control No.: 41-10413-C-103-73

This project is designed to evaluate ten pilot career education project models for their onsite benefits and effectiveness. The project plans to develop an evaluation model and collect and review baseline, mid-course, and final evaluation data to determine the degree to which each of the sites achieve their objectives, describe those components which demonstrate the greatest promise for future replication, and describe problems encountered in implementing projects.

SB000357

Manpower Projection Model System: Phase II.
Organization: Ventura County Superintendent of Schools, Calif.
Contract and/or Control No.: 56-10561-C037-73

The purposes of this project phase are to further refine the Manpower Projection Model (which is a systematic method for obtaining vitally needed information on labor market demand and a better understanding of the nature of work for vocational education planners) to develop a field-testing process for the model to determine its validity in other Standard Metropolitan Statistical Areas (SMSAs), and to pilot test a program of inservice training.

SB000358

Action Research Training for Vocational Educators.
Project Director: Evraiff, William
Organization: California State Univ., San Francisco. Frederick Burk Foundation for Education.
Funding Period: Start Date 1 Feb 73; End Date 31 May 73

The training program is intended to further develop the research skills and competencies of vocational educators. The emphasis will be on training for research oriented toward asking relevant questions and investigating problems concerning present vocational education programs. A pre-assessment process will involve a critique of research reports and a diagnostic test of five research skills. Interviews with each trainee will result in a list of objectives to be met in one or more of the research skills.

SB000359

Field Test of Project 42-10421-CO-48-71: The Research and Evaluation of Follow-Up Studies of High School Graduates Using Sampling Methods.
Project Director: Harris, William
Organization: Santa Barbara County Schools, Calif.

The objectives of this report are to determine if the sampling model maintains its validity when it is applied to follow-up studies in different schools, determine if prior orientation of the graduates is an effective means of increasing the response rates of follow-up studies, and determine if schools will implement the sampling system if it is proven valid. Student records in selected schools will be analyzed, and all graduates will be classified with respect to four stratification variables.

SB000360

Preparing Single Farm Workers for Alternative Employment Programs.
Organization: California Univ., Davis Univ. Extension.
Contract and/or Control No.: 57-30023-C019-73

The goal of this project is to develop information about potential employment for those unattached men who have traditionally comprised the predominately agriculture casual labor market. The information is to be used in planning vocational education programs for older workers who have little or no experience in the structured labor market. Other objectives include ascertaining the demand for casual or "odd-job" labor and obtaining information on the skills and attitudes of the target population.

SB000361

A Proposal Model for Food Service and Restaurant Management Programs in the Community Colleges in California.
Organization: West Valley Joint Community Coll. District, Campbell, Calif.

Descriptive information unavailable.

SB000362 VTP-1016

The Measurement of Attitudes of Chicano Freshmen who are Preparing for a Criminal Justice Career.
Project Director: Payton, George T.
Organization: San Jose Community Coll. District, Calif.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This minority attitudes assessment seeks to identify factors that will help community college instructors better understand Chicano students and develop ways to motivate them toward successful college experiences. Three main aspects of the project are personal interviews with Chicanos who have completed the programs, attitudinal questionnaires given to incoming freshmen, and questionnaires given to freshmen to measure job expectations.

SB000363

Chartering.
Organization: Coast Community Coll. District, Costa Mesa, Calif.
Contract and/or Control No.: 30-66639-C3-300

The purpose of this project is to study the feasibility of using chartering, a management process, to improve communication and cooperation among the various levels of agencies involved in vocational and occupational education in California. The chartering process will be field tested to determine its feasibility and cost effectiveness for actual use by educators. A manual describing the purposes and procedures for chartering will be developed.

SB000364

An Examination of the Effectiveness of Target Area Vocational Education Programs for Disadvantaged Persons in the Los Angeles Area.
Organization: California Advisory Council on Vocational Education and Technical Training, Sacramento.
Contract and/or Control No.: 34-74229-C-3-001

The aim of this project is to investigate the effectiveness of clerical and trade and industrial vocational education programs for the disadvantaged in the Los Angeles and Pomona Unified School Districts. By comparing an experimental group receiving special training and counseling for the disadvantaged with a control group eligible for but not receiving the special programs, the study will determine the impact of the special programs on student academic performance, motivation, job satisfaction, and employer satisfaction.

SB000365

Priority Determination for Vocational Education Through a Formal Needs Assessment Process.
Organization: San Diego Community Coll., Calif.
Contract and/or Control No.: 37-73528-C073-73

The purpose of this project is to develop and field test a system for conducting formal needs assessments for vocational education in California community colleges. Procedures will include identifying potential client populations and their areas of concern, assigning priorities to these populations and areas of concern, and identifying and assigning priorities to needs within the areas of concern for selected populations.

SB000366

Labor Market Analysis Survey for Handicapped Students.
Organization: South County Joint Junior Coll. District, Hayward, Calif.
Contract and/or Control No.: 01-61317-C065-73

This project proposes to determine the most efficient method of developing and utilizing a model resource handbook for high school and college counselors in the South County Joint Community College District. The purpose of the handbook would be to provide occupational information necessary to guide the handicapped student in selecting and pursuing a realistic career choice.

SB000367

Measuring Growth in Vocational Development of Secondary Students of the Santa Barbara Career Education Project.
Project Director: Greene, Stanley D.
Organization: Santa Barbara School Districts, Calif.
Contract and/or Control No.: 42-69286-C-3-404

The purpose of the project is to measure positive growth in the areas of vocational development and knowledge of secondary students exposed to career education. Students will be divided into two groups: an experimental group exposed to intensive career guidance and a control group; both groups of students will be pre- and post-tested using the Crites Vocational Development Inventory, and the scores of the two groups will be compared.

SB000368

Field Testing of HUMRRO Office Education Materials.
Organization: Clovis Unified School District, Calif.

Descriptive information unavailable.

SB000369

Survey of Occupational Cognizance.
Organization: Santa Barbara Elementary and High School District, Calif.

Descriptive information unavailable.

SB000370

Vocational Education Programs in California Secondary Schools.
Project Director: Metzler, Albert L.
Organization: Fresno State Coll., Calif.
Funding Period: Start Date 30 Sep 72; End Date 30 Jun 73

This project will evaluate the Regional Occupational Centers (ROC) and Regional Occupational Programs (ROP) to generate needed information about the vocational education efforts of the participating school districts. The study will determine the (1) different types of vocational programs being offered; (2) new courses, projects, and programs being implemented; (3) changes being made in vocational guidance services and general education programs; and (4) future plans being formulated for new vocational programs and curriculum changes.

SB000371

Feasibility Study of an External Degree in Vocational Education.
Project Director: Beaumariage, George
Organization: California State Univ., Sacramento. Sacramento State Univ. Foundation.
Funding Period: Start Date 1 Jan 73; End Date 1 Jun 73
Contract and/or Control No.: 34-30619-C-3-411

The purpose of this project is to study the feasibility of offering an external B.S. in Vocational Education. The project will determine (1) which schools want and are able to assist in the program, (2) availability of faculty qualified and wanting to participate, (3) methods to be used in matriculation and transferring credits, and (4) costs and cost effectiveness of this type of degree. Use of a computer to record matriculation, evaluation, and credit transfer will be considered.

SB000372

An Empirical Comparison between the Gregg and Laurie Shorthand System.
Organization: California Univ., Los Angeles.

Descriptive information unavailable.

SB000373

Development of a Model for Determining Needs for Vocational Education Personnel.
Organization: California Univ., Los Angeles.

Descriptive information unavailable.

SB000374

A Survey of Teacher Pupil Relationships of California Vocational Agriculture Teachers Trained by the Full Pay Intern Program.
Organization: California Univ., Los Angeles.

Descriptive information unavailable.

SB000375

Program Planning–Case Studies of the Impact on the Organization and Operation of School Systems After Implementing a Program that has Components of Career Education.
Organization: California Univ., Los Angeles.

Descriptive information unavailable.

SB000376

Impact of Career Testing and Human Potential Seminar Training Upon the Persistence and Performance of High Risk Students Declaring Vocational Majors.
Organization: Mendocino Coll., Ukiah, Calif.

Descriptive information unavailable.

Fiscal Year 1974

SB000377 VTP-1089

Development, Field Test, and Evaluation of a Method for Statewide Longitudinal Follow-ups of High School Graduates Using Sampling Techniques.
Project Director: Orr, Fred E.
Organization: Santa Barbara County Schools, Calif.
Funding Period: Start Date 1 Sep 73; End Date 30 Jun 74

This project is an applied test of a follow-up system. The objectives of this study include determining critical variables in selecting a sample of high schools, the criteria to be applied for the definitions of vocational programs, a sampling technique for completion of the follow-up report, and what changes occur in the graduates' occupational status and in their perceptions of the effectiveness of their education.

SB000378

Student Perceptions of the Link Between School and Work.
Organization: Board of Trustees of the Leland Stanford Junior Univ., Stanford, Calif.
Contract and/or Control No.: 43-20438-C-4-030

This project will analyze the relationship between student perceptions of the link between school and work and student alienation, effort, and achievement. The project plans to assess the impact of vocational education programs upon students of diverse ethnic and social backgrounds to determine if participation in vocational education programs strengthens the link students perceive between school work and their future occupations and leads to greater student effort.

SB000379 VTP-1380

Industry Validated Vocational Performance Objectives.
Project Director: Thompson, Ralph
Organization: Sacramento County Office of Education, Calif.
Funding Period: Start Date 1 Dec 73; End Date 31 Jan 75

This project is designed to compare what is taught in vocational programs with what should be taught to meet employer needs. Procedures include collecting performance objectives from programs in secondary schools and the related occupational program (ROP), conducting an evaluation of the objectives by a sample of area employers who hire entry-level job applicants, and correlating a school's performance objectives against industries' skill requirements.

SB000380

The Use of Need Assessment in Improving the Utility of Community College Advisory Committees.
Organization: San Jose Community Coll. District, Calif.
Contract and/or Control No.: 43-69658-C-4-208

This project is designed to determine if providing current job information to vocational education advisory committees will improve their advisory function. A needs assessment for three priority occupational education programs areas will be conducted to provide the committees with information on the number of jobs available, the skills required for those jobs, and the number of students currently being trained for those jobs. This information will then be rated for its usefulness in helping to plan vocational programs.

SB000381

Research on Application of a Self-Actualization Process in an Attempt to Improve Effort and Performance in Selected Vocational Programs.
Organization: Mount San Jacinto Community Coll. District, Gilman Hot Springs, Calif.
Contract and/or Control No.: 33-67132-C-4-214

This project proposes to determine whether vocational students who participate in a self-actualization, human-potential group process will be better motivated and achieve more of the objectives in their vocational classes than students who do not participate. The project will also determine whether students who participate in a structured process oriented toward positive self-concept and motivational development will demonstrate significant changes in attitudes, values, and behavior as reflected in pre- and posttest scores from the standardized Personal Orientation Inventory.

SB000382 VTP-1222

Occupational Needs Assessment of the Elderly.
Project Director: Lagerstrom, James R.
Organization: Los Angeles Community Coll. District, Calif.
Funding Period: Start Date 1 Jul 73; End Date 30 May 74

This project will survey current occupational competencies, needs, and objectives of the elderly served by community colleges in the Southern California Community College Institutional Research Association and will develop a report based on a sampling technique that will allow inference. Research directors and occupational education coordinators will meet with geriatric and research specialists in four workshops to design instruments and assess results of data.

SB000383

Improving Occupational Student Follow-Up in California Community Colleges.
Organization: Los Angeles Community Coll. District, Calif.
Contract and/or Control No.: 19-64714-C-4-235

The major purpose of this study is to improve the current practices of student follow-up to provide accurate data for government reports and useful information for program evaluation and planning. The objectives of this project include developing and field testing a uniform model for following up students by identifying criteria for determining student majors, and developing operational definitions for classifying occupational courses.

SB000384 VTP-1731

A Study of Career Centers in the State of California.
Project Director: Jacobson, Thomas J.
Organization: Grossmont Union High School, La Mesa, Calif.
Funding Period: Start Date 1 Feb 74; End Date 30 Jun 74

The objectives of this study include identifying and analyzing the common and different elements found in the operation of career centers in the schools in grades 7-14, determining and describing the practices which enhance or inhibit the most effective operation, determining the students' use of the centers, developing a model of a center, and determining what types of materials were the most and least helpful.

SB000385 VTP-1494

Study of the Vocational Education Grants Management System.
Project Director: Barlow, Melvin
Organization: California Univ., Los Angeles.
Funding Period: Start Date 1 Apr 74; End Date 1 Sep 74

The objectives of this project include determining if the present system for distributing funds to school and community college districts is based on Congressional intent, if school administrators believe that the grant systems should be changed, and the changes, if any, that should be made; and developing a recommended system and alternative system for distributing funds that would have high impact.

SB000386 VTP-1443

Involvement of Vocational Agriculture Students in Vocational Education Student Organizations.
Project Director: Gilbertson, O. S.
Organization: California Polytechnic State Univ., San Luis Obispo.
Funding Period: Start Date 15 Jun 74; End Date 31 Dec 74

The project will survey selected vocational agriculture students and instructors in order to develop recommendations for increasing student participation in Future Farmers of America (FFA) organizations in California. Student and teacher attitude factors, instructional time, curriculum methods and materials, teacher preservice and inservice, and FFA activities are among the factors to be studied.

SB000387

Career Education Opinions of California Educators.
Project Director: Barlow, Melvin L.
Organization: California Univ., Los Angeles.
Funding Period: Start Date 1 Jun 74; End Date 1 Jun 75
Contract and/or Control No.: 19-30049-C-4-038

This project seeks to obtain the career education opinion of California's educators. Surveys of teachers, counselors, and administrators will be conducted, and the results will be examined and subjected to comparative analysis. The analysis will provide information leading to specific legislation programs pertaining to career development and will facilitate development of more effective inservice career education workshops.

SB000388 VTP-1251

Comparison of Listening-Viewing Comprehension Levels of a Junior College Population Enrolled in Vocational Education Compared to the Comprehension Levels of the Learning Materials Utilized in Vocational Education.
Project Director: Rhodes, Harvey B.
Organization: Columbia Junior Coll., Calif.
Funding Period: Start Date 1 Sep 73; End Date 30 Jun 74

The objectives of this project include testing 200 students enrolled in vocational programs at Columbia Junior College to determine their listening and visual comprehension levels, determining the comprehension level of selected audiovisual materials assigned to the students, identifying discrepancies in comprehension levels of students and the learning materials assigned, and deriving implications for structuring the learning experience through the selection of learning materials consistent with student ability levels.

SB000389

The Effects of Providing Pre-Educational Treatment to Handicapped Young Adults to Increase Their Readiness for College and Vocational Education Programs: A Controlled Experimental Study.
Organization: Rancho Los Amigos Hospital, Inc., Downey, Calif.
Contract and/or Control No.: 19-20198-C-4-016

A controlled experimental study to provide specialized counseling for severely handicapped persons who have been rejected for services by the California State Department of Rehabilitation will be designed to determine if the experimental subjects will (1) make satisfactory progress in and show satisfaction with a vocational education program, (2) be accepted as feasible clients by the Department of Rehabilitation and be sponsored in a vocational education program, and (3) be employed after two years.

SB000390

Project COPES - Part C.

Organization: Foothill Community Coll. District, Los Altos Hills, Calif.
Contract and/or Control No.: 43-69443-C-4-234

This project will involve two separate studies. The first study will test the reliability of the Community College Occupational Programs Evaluation System (COPES) instrumentation and methodology. Five colleges will be evaluated by paired teams of investigators, and their ratings will be compared to test reliability. The second study will investigte the organizational characteristics of California community colleges and the relationship of those characteristics to occupational program performance.

SB000391 **VTP-1379**

Reasons for Dropout and Inhibitors to Training Related Job Placement of Vocational Education Trainees.
Project Director: Bregman, Ralph
Organization: California State Dept. of Corrections, Sacramento.
Funding Period: Start Date 3 Dec 73; End Date 2 Dec 74

This project intends to survey parolees, employers, institutional instructors, counselors and administrators to determine the factors that inhibit parolees from obtaining employment in occupations related to their training and from completing institutional vocational education programs.

SB000392

An Evaluation of Self Administration and Self Interpretation of the California Occupational Preference Survey.
Organization: San Juan Unified School District, Calif.

Descriptive information unavailable.

SB000393

Assessment of Attitudes and Expectations of High School Teachers of Vocational Agriculture and Industry School Administration Toward Field Responsibilities, Duties and Activities of the Bureau of Agriculture Education.
Organization: California Polytechnic State Univ., San Luis Obispo.

Descriptive information unavailable.

SB000394

Impact of Career Testing and Human Potential Seminar Training Upon the Persistence and Performance of High Risk Students Declaring Vocational Majors.
Organization: Mendocino Coll., Ukiah, Calif.

Descriptive information unavailable.

SB000395

Research Training.
Organization: Pasadena Area Community Coll. District, Calif.

Descriptive information unavailable.

SB000396

Compton - Minority Community Attitude Survey.
Organization: Compton Community Coll., Calif.

Descriptive information unavailable.

SB000397

California Industrial Education Program Guide.
Organization: California State Univ., Long Beach. Center for Career Studies.

Descriptive information unavailable.

SB000398

Curriculum Competencies Needed and Possessed by Vocational Education Administrators in California.
Organization: Fremont Unified School District, Calif.

Descriptive information unavailable.

SB000399

Experiment to Determine the Effects of Repetition and Alternating Levels of Practice on Learning to Typewrite.
Organization: California Univ., Los Angeles.

Descriptive information unavailable.

SB000400

Profiles of Community College Students in Career Occupational Counseling.
Organization: Cerritos Community Coll. District, Norwalk, Calif.
Contract and/or Control No.: 19-64360-C-4-233

This project is designed to develop a model list of the kinds of information about students that community colleges need for effective counseling and program planning and a profile of vocational education students in California community colleges. The project will also assess the feasibility of establishing a state-wide information system using the model. A special effort will be made to gather information about barriers to the enrollment of disadvantaged and handicapped students.

Fiscal Year 1975

SB000401

Involvement of Vocational Agriculture Students in Vocational Education Student Organizations.
Project Director: Gilbertson, O. S.
Organization: California Polytechnic State Univ., San Luis Obispo.

The project will survey selected vocational agriculture students and instructors in order to develop recommendations for increasing student participation in Future Farmers of America (FFA) organizations in California. Student and teacher attitude factors, instructional time, curriculum methods and materials, teacher preservice and in-service, and FFA activities are among the factors to be studied.

SB000402

COPES: Subsystem for Work Experience Programs.
Organization: Foothill Community Coll. District, Los Altos Hills, Calif.
Contract and/or Control No.: 43-69443-C-5-801

The purpose of this project is to develop a subsystem of the Community College Occupational Programs Evaluation System (COPES) to systematically and comprehensively evaluate college work experience (CWE) education programs. The project plans to identify and validate the CWE program elements to be measured and the measurement criteria for rating each element. The subsystem will be field tested at six to eight California community colleges and refined on the basis of the validation results.

SB000403

Vocational Education Data Management System for Rural Schools.
Organization: Mendocino County Superintendent of Schools, Ukiah, Calif.

Descriptive information unavailable.

SB000404

District Review of Vocational Education Staff.
Organization: Napa County Superintendent of Schools, Calif.
Contract and/or Control No.: 28-10280-C-5-020

This project is an evaluation system; its main purposes are to extend the learning opportunities for school district vocational educators and obtain information about vocational education for local, state, and federal management and policy-making bodies. These purposes will be accomplished by providing a process to school districts for improving vocational education systems, providing research and analytical training opportunities for 630 administrators and teachers, and providing descriptive data to the California vocational education support unit about local delivery systems.

SB000405

Third Party Evaluation of California Career Education Projects.

Organization: San Diego County Office of Education, Calif.
Contract and/or Control No.: 37-10371-C-4-400

Funded for two years, this project will provide a third-party evaluation of ten career education projects. Specifically, the project will determine if (1) the projects provide evidence of effectiveness, (2) the Project Activity Management and Evaluation System is an effective instrument for project management and formative evaluation, (3) cost effectiveness data show variation among the projects, and (4) the evidence indicates any emerging models for career education.

SB000406

Research Into Identification of Cultural Disadvantagement as a Key Segment of a Vocational Student Information System.
Organization: San Diego Unified School District, Calif.
Contract and/or Control No.: 37-68338-C-5-040

To meet the needs for identifying disadvantaged students served by vocational programs, this project will employ refined statistical techniques to develop a computer-based system which uses data on student ability, reading and math scores, grades, ethnic background, welfare status, citizenship, and suspensions from school to identify the disadvantaged students. The project seeks to discover the relationship between the characteristics teachers identify as indicative of a disadvantaged student and the measurable characteristics stored in the school district's data bank.

SB000407

Competency Based Curriculum - Business Marketing Careers.
Organization: San Diego Unified School District, Calif.
Contract and/or Control No.: 37-68338-C-5-042

The purpose of this project will be to write, compile, and validate a competency-based curriculum to provide for individualized instruction and field experience in competencies unique to the business and office and the marketing and distribution fields. The project will develop the cirriculum so that it will interrelate the classroom and on-the-job training experiences of the two fields and relate the common core competencies with understandings and skills associated with the two job clusters.

SB000408

Career Education Opinions of California Educators.
Project Director: Barlow, Melvin L.
Organization: California Univ., Los Angeles.

This project seeks to obtain the career education opinion of California's educators. Surveys of teachers, counselors, and administrators will be conducted, and the results will be examined and subjected to comparative analysis. The analysis will provide information leading to specific legislation programs pertaining to career development and will facilitate development of more effective inservice career education workshops.

SB000409

Manpower Management Information System: Educational Resources.
Organization: Ventura County Superintendent of Schools, Calif.
Contract and/or Control No.: 50-10561-C-5-039

As one of a series of projects to develop a Manpower Management Information System (MMIS) designed to supply a data base for local program planning, this education resources project will test the feasibility of obtaining accurate data on the supply of labor market entrants emerging from vocational education programs. Other objectives include assessing the content and output of training efforts in relation to specific occupational projections.

SB000410

A Study to Identify and Validate Beginning Vocational Agriculture Teacher Technical Competencies in Beef, Sheep, Swine and Horse Husbandry.
Organization: California Polytechnic State Univ., San Luis Obispo.

Descriptive information unavailable.

SB000411

The Impact of Career Guidance Centers Upon Students at Santa Ana College.
Organization: California State Univ., Fullerton.

Descriptive information unavailable.

SB000412

Teaching Interpersonal Relationships Skills.
Organization: Fremont Unified School District, Calif.

Descriptive information unavailable.

SB000413

Perceptions of California Vocational Education Administrators and Manpower Planners on Area Vocational Planning.
Organization: Modesto City Schools, Calif.

Descriptive information unavailable.

SB000414

Occupational Education Information Needs and Governance Patterns of Management Teams in Selected California Community Colleges.
Organization: Monterey Peninsula Coll., Calif.

Descriptive information unavailable.

SB000415

Assessment of Occupational Programs for 11th and 12th Grade High School Students in Community Colleges.
Organization: North Orange County Community Coll. District, Fullerton, Calif.

Descriptive information unavailable.

SB000416

California Broadcast Employment Survey.
Organization: San Mateo Community Coll. District, Calif.

Descriptive information unavailable.

SB000417

Literature Review in Consumer Education: Concepts, Topics, and Objectives for K-Adult.
Organization: California Univ., Davis.

Descriptive information unavailable.

SB000418

Study of Scope and Sequence of Consumer Education K-Adult.
Organization: California Univ., Davis.

Descriptive information unavailable.

SB000419

Inservice Research Training for Vocational Counselors and Teachers in the Cluster Approach to Education Programming, Counseling and Guidance.
Organization: California Univ., Los Angeles.

Descriptive information unavailable.

SB000420

The Careers of Black Vocational Educators in California: An Analysis of Aspirations and Control Orientation.
Organization: California Univ., Los Angeles.

Descriptive information unavailable.

SB000421

Special Vocational Preparations and General Education Development Planning Study.
Organization: Ventura County Community Coll. District, Calif.

Descriptive information unavailable.

SB000422

Recommendations for Operations of a Mobile Business Education Resource Center.

Organization: Yolo County Schools, Woodland, Calif.
Descriptive information unavailable.

Fiscal Year 1976

SB000423

Coordinated Administrative Leadership.
Organization: Napa County Superintendent of Schools, Calif.
Descriptive information unavailable.

SB000424

Shorthand Skills Research Project.
Organization: Los Angeles County Superintendent of Schools, Calif.
Descriptive information unavailable.

SB000425

Business Education Teacher, Supply and Demand Research.
Organization: San Jose State Univ., Calif.
Descriptive information unavailable.

SB000426

Student Follow-Up in ROP/C's.
Organization: San Mateo County Superintendent of Schools, Redwood City, Calif.
Descriptive information unavailable.

SB000427

The Evaluation of the Activities and Accomplishments of the Career Education Task Force.
Organization: Stanislaus County Superintendent of Schools, Modesto, Calif.
Descriptive information unavailable.

SB000428 VTP-2432

Part C and D Evaluation Study.
Organization: Stanislaus County Superintendent of Schools, Modesto, Calif.
Funding Period: Start Date 15 Mar 76; End Date 15 Aug 76
The purpose of the project is to provide information on which to base plans for future exemplary program policies and procedures. Objectives will be to determine if project results were consistent with objectives, document how the results were used to directly benefit vocational and occupational education students, and prepare written reports of products of past research which might be useful to vocational educators.

SB000429

Coordinated Administrative Leadership (CAL).
Organization: California Univ., Los Angeles.
Descriptive information unavailable.

SB000430 VTP-2735

Maintenance and Development of the California Manpower Management Information System (continuation).
Project Director: Van Zant, John
Organization: Ventura County Superintendent of Schools, Ventura, Calif.
Funding Period: Start Date 1 Nov 76; End Date 31 Oct 77
This project proposes to complete the specified developmental activities of the California Manpower Management Information System, develop strategies for system implementation, and produce useful manpower and vocational education program planning information to the three participating state agencies and regional and local planners. Objectives are to review, modify, and produce a series of reports designed to comprehensively describe the status of state vocational education programs.

SB000431

Placement Clearinghouse for the Landscape Industry.
Organization: Butte Community Coll. District, Oroville, Calif.
Descriptive information unavailable.

SB000432

COPES: Subsystem for Work Experience Programs.
Organization: Foothill Community Coll. District, Los Altos Hills, Calif.
The purpose of this project is to develop a subsystem of the Community College Occupational Programs Evaluation System (COPES) to systematically and comprehensively evaluate college work experience (CWE) education programs. The project plans to identify and validate the CWE program elements to be measured and the measurement criteria for rating each element. The subsystem will be field tested at six to eight California community colleges and refined on the basis of the validation results.

SB000433

Test the Effectiveness of an Audio-Visual Self Identification Model in Career Counseling.
Organization: Los Angeles Community Coll. District, Calif.
Descriptive information unavailable.

SB000434

Extending SAM to Include All Community College Students.
Organization: Los Angeles Community Coll. District, Calif.
Descriptive information unavailable.

SB000435

Pilot Test for SAM Follow-Up Component.
Organization: Los Angeles Community Coll. District, Calif.
Descriptive information unavailable.

SB000436

Organization for Direction and Coordination of Occupational Education.
Organization: Los Angeles Community Coll. District, Calif.
Descriptive information unavailable.

SB000437

Testing a Model System for Providing Services to Disadvantaged Students.
Organization: San Jose Community Coll. District, Calif.
Descriptive information unavailable.

SB000438

Developing and Testing SAM Follow-Up Component from Employers.
Organization: San Jose Community Coll. District, Calif.
Descriptive information unavailable.

SB000439

Regional Clearinghouse for Placement of Cooperative Work Experience Education Students.
Organization: San Mateo Community Coll. District, Calif.
Descriptive information unavailable.

SB000440

To Determine the Practical or Occupational Skills that are Taught in Non-Vocational Subjects and Identify Applicable Job Areas.
Organization: Los Angeles Community Coll. District, Calif.
Descriptive information unavailable.

SB000441

To Verify the Qualifications of California Community College Recreational Instructors.

Organization: Los Rios Community Coll. District, Sacramento, Calif.
Descriptive information unavailable.

SB000442

An Analysis of Occupational Curriculum Development Practices in California Community Colleges.
Organization: California Univ., Los Angeles.
Descriptive information unavailable.

SB000443

A Multi-Cultural Response to Career Education.
Organization: California Univ., Los Angeles.
Descriptive information unavailable.

Fiscal Year 1977

SB000444

Maintenance and Development of the California Manpower Management Information System.
Project Director: Van Zant, John
Organization: Ventura County Superintendent of Schools, Ventura, Calif.
Funding Period: Start Date 30 Nov 76; End Date 31 Oct 77
Contract and/or Control No.: 56-10561-C-7-036
This project proposes to complete the specified developmental activities of the California Manpower Management Information System, develop strategies for system implementation, and produce useful manpower and vocational education program planning information to the three participating state agencies and regional and local planners. Objectives are to review, modify, and produce a series of reports designed to comprehensively describe the status of state vocational education programs.

SB000445 **VTP-2670**

Vocational Education System Evaluation Data.
Project Director: Neasham, Ernest R.
Organization: Napa County Superintendent of Schools, Calif.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 28-10280-C-7-037
The purpose of the project is to provide subject-area and work-experience education evaluations of twenty randomly selected districts for the consideration of District Review of Vocational Education (DROVE) review teams and to provide data for bureau managers, high school subject-matter supervisors, and work-experience administrators to use in making decisions.

SB000446

Evaluation Model for Vocational Education Programs for the Handicapped.
Organization: San Diego Unified School District, Calif.
Descriptive information unavailable.

SB000447

The Effect of Career Awareness and Exploration Counseling on the Vocational Choices of Inner City High School Students.
Organization: California Univ., Los Angeles.
Descriptive information unavailable.

SB000448

Motivating Inner City Youth in Career Development.
Organization: Sacramento City Unified School District, Calif.
Descriptive information unavailable.

SB000449

Assessment of Training Needs of Fire Fighting Personnel and Available Fire Fighting Training Resources in California.
Organization: Mission Research Corp., Santa Barbara, Calif.
Descriptive information unavailable.

SB000450

California Articulation Project.
Organization: California State Univ., Chico.
Descriptive information unavailable.

SB000451

Assessment of Career and Vocational Training by the Business Industry Community in San Diego.
Organization: San Diego Unified School District, Calif.
Descriptive information unavailable.

SB000452

Poultry and Eggs Competency Evaluation.
Organization: California Polytechnic State Univ., San Luis Obispo.
Descriptive information unavailable.

SB000453

Consumer Education Project: Community Approach Utilizing an Off Campus Facility.
Organization: Santa Barbara Elementary and High School District, Calif.
Descriptive information unavailable.

SB000454

Meat and Fish Competency Evaluation.
Organization: California Polytechnic State Univ., San Luis Obispo.
Descriptive information unavailable.

SB000455

Selected Factors that Affect Change in California District Vocational Systems.
Organization: California Univ., Los Angeles.
Descriptive information unavailable.

SB000456

A Research Project to Determine the Kinds of Typewriters Used in the Business World and in Vocational Education Training Classrooms.
Organization: California State Univ., Sacramento.
Descriptive information unavailable.

SB000457

Training Curriculum Model for Community Resource Specialists to Develop Career Awareness for Secondary Students.
Organization: California Univ., Santa Barbara.
Descriptive information unavailable.

SB000458

To Verify the Qualifications of California Community College Recreational Instructors.
Organization: Los Rios Community Coll. District, Sacramento, Calif.
Descriptive information unavailable.

SB000459

"Instructional Programming."
Organization: Santa Barbara Community Coll. District, Calif.
Descriptive information unavailable.

SB000460

A Course/Program Analysis of a System for Correlation with the California Manpower Management Information System.
Organization: Ventura County Community Coll. District, Calif.
Descriptive information unavailable.

SB000461

A Course/Program Analysis of a System for Correlation with the California Manpower Management Information System.
Organization: Fremont-Newark Community Coll. District, Calif.
Descriptive information unavailable.

SB000462

A Course/Program Analysis of a System for Correlation with the California Manpower Management Information System.
Organization: Peralta Community Coll. District, Oakland, Calif.
Descriptive information unavailable.

SB000463

A Course/Program Analysis of a System for Correlation with the California Manpower Management Information System.
Organization: Foothill Community Coll. District, Los Altos Hills, Calif.
Descriptive information unavailable.

SB000464

A Course/Program Analysis of a System for Correlation with the California Manpower Management Information System.
Organization: Los Angeles Community Coll. District, Calif.
Descriptive information unavailable.

Part D

Fiscal Year 1970

SB000465

Parent-Child Education Center.
Organization: Berkeley Unified School District, Calif.
Descriptive information unavailable.

SB000466

Law Enforcement Training Program Development for 1969-70 School Year.
Organization: Grossmont Union High School District, Calif.
Descriptive information unavailable.

SB000467

Tri-County Vocational Counseling Project.
Organization: Yuba County School District, Marysville, Calif.
Descriptive information unavailable.

SB000468

Use of Community Aides to Recruit Disadvantaged for Vocational Training Programs.
Organization: Tulare City Schools, Calif.
Descriptive information unavailable.

SB000469

Communications and Recruitment Phase I.
Organization: Compton Community Coll., Calif.
Descriptive information unavailable.

SB000470

Minority Recruitment for Dental Assisting.
Organization: San Jose Community Coll. District, Calif.
Descriptive information unavailable.

SB000471

Bi-Lingual Instructional Guide.
Organization: Yuba Coll., Marysville, Calif.
Descriptive information unavailable.

SB000472

Implementation of a Career Development Model for Grades K-12.
Organization: Shoreline Unified Schools, Calif.
Descriptive information unavailable.

SB000473

Exploratory Career Development Education.
Organization: Oakland Unified School District, Calif.
Descriptive information unavailable.

SB000474

Exemplary Vocational Education Project.
Organization: Owens Valley Unified School District, Calif.
Descriptive information unavailable.

SB000475

Computer Assisted Work Experience Placement Service.
Organization: San Diego County Dept. of Education, Calif.
Descriptive information unavailable.

SB000476

Career Development Education.
Organization: Santa Ana Unified School District, Calif.
Descriptive information unavailable.

SB000477

Occupational Guidance Program for Schools on Modular Scheduling.
Organization: Sequoia Union High School District, Redwood City, Calif.
Descriptive information unavailable.

SB000478

A Career Development Model.
Organization: Shoreline Unified School District, Calif.
Descriptive information unavailable.

SB000479

Pictorial Inventory of Vocational Interests.
Organization: Orange Coast Junior Coll. District, Costa Mesa, Calif.
Descriptive information unavailable.

SB000480

Exemplary Program in Machine Tool Technician.
Organization: Foothill Junior Coll. District, Cupertino, Calif.
Descriptive information unavailable.

Fiscal Year 1971

SB000481

Implementation of a Career Development Model for Grades K-12.
Organization: Shoreline Unified Schools, Calif.
Descriptive information unavailable.

SB000482

Exploratory Career Development Education.
Organization: Oakland Unified School District, Calif.
Descriptive information unavailable.

SB000483

Exemplary Vocational Education Project.
Organization: Owens Valley Unified School District, Calif.
Descriptive information unavailable.

SB000484

Computer Assisted Work Experience Placement Service.
Organization: San Diego County Dept. of Education, Calif.
Descriptive information unavailable.

SB000485

Career Development Education.
Organization: Santa Ana Unified School District, Calif.
Descriptive information unavailable.

SB000486

Occupational Guidance Program for Schools on Modular Scheduling.
Organization: Sequoia Union High School District, Redwood City, Calif.
Descriptive information unavailable.

SB000487

A Career Development Model.
Organization: Shoreline Unified School District, Calif.
Descriptive information unavailable.

SB000488

Pictorial Inventory of Vocational Interests.
Organization: Orange Coast Junior Coll. District, Costa Mesa, Calif.
Descriptive information unavailable.

SB000489

Exemplary Program in Machine Tool Technician.
Organization: Foothill Junior Coll. District, Cupertino, Calif.
Descriptive information unavailable.

SB000490

Bi-Lingual Instructional Guide.
Organization: Dinuba High School, Calif.
Descriptive information unavailable.

SB000491

Metal Fabrication.
Organization: Salinas Unified School District, Calif.
Descriptive information unavailable.

SB000492

An Application of Time-Span of Discretion to the Curricula of the Three Selected Courses High School.
Organization: Berkeley Unified School District, Calif.
Descriptive information unavailable.

SB000493

Motor Transport.
Organization: Rowland Unified School District, Rowland Heights, Calif.
Descriptive information unavailable.

SB000494

T.V. Programs to Assist Viewers in Making Occupational Career Selection.
Organization: Los Angeles County Superintendent of Schools, Calif.
Descriptive information unavailable.

SB000495

Home Economics on Wheels.
Organization: Long Beach Community Coll., Calif.
Descriptive information unavailable.

SB000496

Modern Business Systems.
Organization: San Juan Unified School District, Carmichael, Calif.
Descriptive information unavailable.

SB000497

Career Goal Curriculum Project with Skill Support for the Disadvantaged Vocational Students.
Organization: San Bernardino City Unified School District, Calif.
Descriptive information unavailable.

SB000498

Career Education Management System (Phase I).
Organization: Santa Ana Unified School District, Calif.
Contract and/or Control No.: 30-66670-D-3

Phase I of this three-part project will develop a computerized management system designed to manage and evaluate the activities of students placed in appropriate work experience or job training stations in industry. In Phase I, computer science and computer programming students in local high schools will be involved in the conception, design, and test run of the system.

SB000499

Dial-A-Career.
Organization: San Diego County Dept. of Education, Calif.
Descriptive information unavailable.

SB000500

Office of Director of Occupational Education Programs for High Schools.
Organization: Pasadena Area Junior Coll., Calif.
Descriptive information unavailable.

Fiscal Year 1972

SB000501

Computer Assisted Work Experience Placement Service.
Organization: San Diego County Dept. of Education, Calif.
Descriptive information unavailable.

SB000502

Career Development Education.
Organization: Santa Ana Unified School District, Calif.
Descriptive information unavailable.

SB000503

Occupational Guidance Program for Schools on Modular Scheduling.
Organization: Sequoia Union High School District, Redwood City, Calif.
Descriptive information unavailable.

SB000504

A Career Development Model.
Organization: Shoreline Unified School District, Calif.
Descriptive information unavailable.

SB000505

Pictorial Inventory of Vocational Interests.
Organization: Orange Coast Junior Coll. District, Costa Mesa, Calif.
Descriptive information unavailable.

SB000506

Exemplary Program in Machine Tool Technician.
Organization: Foothill Junior Coll. District, Cupertino, Calif.
Descriptive information unavailable.

SB000507

Home Economics on Wheels.
Organization: Long Beach Community Coll., Calif.
Descriptive information unavailable.

SB000508

Modern Business Systems.
Organization: San Juan Unified School District, Carmichael, Calif.
Descriptive information unavailable.

SB000509

Career Goal Curriculum Project with Skill Support for the Disadvantaged Vocational Students.
Organization: San Bernardino City Unified School District, Calif.
Descriptive information unavailable.

SB000510

Career Education Management System (Phase II).
Organization: Santa Ana Unified School District, Calif.
Contract and/or Control No.: 30-66670-D-3

Phase II of this three-part project will implement the computer management system developed in Phase I to manage and evaluate the activities of students placed in appropriate work experience or job training stations in industry. In Phase II, four computer terminals will be placed in operation: one at each of the three participating high schools and one in the district office.

SB000511

Dial-A-Career.
Organization: San Diego County Dept. of Education, Calif.
Descriptive information unavailable.

SB000512

Office of Director of Occupational Education Programs for High Schools.
Organization: Pasadena Area Junior Coll., Calif.
Descriptive information unavailable.

SB000513

Development of a Coordinated and Integrated Program of Occupational Education Grades 9-14
Organization: Imperial Community Coll., Calif.
Descriptive information unavailable.

Fiscal Year 1973

SB000514

Northern California Mobile Agriculture Career Education Project.
Organization: Mendocino County Office of Education, Ukiah, Calif.
Contract and/or Control No.: 23-10231-D-3

This project proposes to develop and demonstrate an agricultural education program for rural, low-income areas using a mobile classroom to provide agricultural education to all four school districts in Mendocino County. The project will provide career exploration and preparation in agriculture for students not enrolled in an agricultural instructional program, reinforcement of vocational agriculture programs operating in two county high schools, and retraining and upgrading for adults engaged in agribusiness, farming, or ranching.

SB000515

Regional Dial-A-Career Program.
Organization: San Diego County Dept. of Education, Calif.
Descriptive information unavailable.

SB000516

Modern Keyboard Office Equipment Mobile Units.
Organization: San Juan Unified School District, Carmichael, Calif.
Descriptive information unavailable.

SB000517

Career Education Management System (Phase III).
Organization: Santa Ana Unified School District, Calif.
Contract and/or Control No.: 30-66670-D-3

Phase III of this three-part project to develop a computer management system intends to utilize the system to provide a more effective evaluation and placement of students by employers. Specific objectives include revising and expanding the career education data base by adding new training stations and career information, and establishing new career management reports through computerized data-reduction and report-generation programs to provide students and teachers with current information about work station opportunities and placement.

SB000518

Office of Director of Occupational Education Programs for High Schools.
Organization: Pasadena Area Community Coll. District, Calif.
Descriptive information unavailable.

SB000519

Corrections Majors Casework with Probationers.
Organization: Yuba Coll., Marysville, Calif.
Descriptive information unavailable.

SB000520

Career Education Projects.
Organization: Orange Unified School District, Calif.
Descriptive information unavailable.

SB000521

Development of a Supermarket Management Program with Emphasis on Coordinated Instruction Education Systems Approach (Phase I).
Organization: San Mateo Community Coll. District, Calif.
Contract and/or Control No.: 41-69054-D-3

The goal of this first phase of a three-phase study is to develop a supermarket management college program to meet the needs of occupational students at Canada College and the expanding manpower requirements of the supermarket industry. The study proposes to develop a coordinated instructional program to upgrade the training of present employees and to train students for supermarket postions and related careers. A self-instruction educational system for self-paced learning will be developed.

SB000522

Comprehensive Community College Foreign Car Manufacture Cooperative Education Program to Develop Entry Level Automotive Technicians.
Organization: Los Angeles Community Coll. District, Calif.
Descriptive information unavailable.

SB000523

Career Education Model Orange County Consortium (Second Year).
Organization: Orange Unified School District, Calif.
Contract and/or Control No.: 30-66621-D-3

A consortium, composed of two unified school districts and one community college district in Orange County, will develop a comprehensive career education model which will include teacher-developed curriculum, a guidance program, and a coordinated work-experience and regional occupational program to service students from kindergarten to community college levels. The objectives of this second phase include field testing previously developed curriculum, developing curriculum in five additional clusters, and developing a career guidance component for elementary schools.

Fiscal Year 1974

SB000524

Multidisciplinary Model, Distributive Education.
Project Director: Walquist, James
Organization: Antioch Unified School District, Calif.
Contract and/or Control No.: 07-61648-D-6-010

Phase I of a three-part project is designed to implement a multidisciplinary vocational program calling for students from home economics, arts and crafts, drama, office education, distributive education, and industrial education to receive training in core competencies required of all job entry-level employees, produce products related to their interests, and select a specific occupation in which to pursue individualized training. During Phase I, students will begin operation of a business, and development and revision of curriculum and materials will continue.

SB000525

Comprehensive Office Training Program.
Project Director: Garver, Phil
Organization: Clovis Unified School District, Calif.

This project to develop an open entry/open exit office training program will involve expanding the program to legal, medical, and insurance training; providing quick and low-cost job placement to students; and further developing and refining training stations, instructional materials, and competency modules. The objectives of this project include improving and providing the guidance necessary to identify the training needs of the individual, and refining and expanding office training curriculum to provide realistic training.

SB000526

A Model Career Placement Service.
Organization: Los Rios Community Coll. District, Sacramento, Calif.
Contract and/or Control No.: 34-67371-D-4

This project is a three-part study to develop a model for a coordinated and centralized placement center to assist students both during and after training in obtaining employment in fields related to their training. A survey of graduates and employers will be used to determine employment needs and placement opportunities, and the career counseling and job development functions of the center staff will be integrated.

SB000527

A Study to Assess the Lynwood Unified School District's Vocational Education.
Organization: Lynwood Unified School District, Calif.
Contract and/or Control No.: 19-64774-D-4

This project is an attempt to assess the effectiveness of the district's vocational education program in meeting the job training needs of a rapidly changing student body. Phase I will analyze how students of different grade levels, sexes, and ethnic groups view the vocational training program as a means of achieving their educational and occupational goals. Phase II will assess the program's ability to provide entry-level job skills to the diverse population.

SB000528

Development of a Supermarket Management Program with Emphasis on Coordinated Instruction Education Systems Approach (Phase II).
Organization: San Mateo Community Coll. District, Calif.
Contract and/or Control No.: 41-69054-D-4

This second Phase of a three-phase study will continue to develop a supermarket management college program to meet the needs of occupational students at Canada College and the expanding manpower requirement of the supermarket industry. The program will develop and evaluate training programs to upgrade present employees and to train students for supermarket positions and related careers. The self-instruction educational system will include self-paced learning activities, specialized courses, and cooperative education work stations.

SB000529

Comprehensive Senior High School Career Education Model.
Organization: San Diego Unified School District, Calif.
Contract and/or Control No.: 37-68338-D-4-020

This project to develop a model plan to implement career education has four objectives: (1) establish baseline data on the status of career education in a selected comprehensive high school; (2) determine the necessary programs to provide skills acquisition for at least eighty percent of the enrolled students in the selected school; (3) determine the developmental steps needed to provide a comprehensive career education program for those students; and (4) establish, test, and implement a model system.

SB000530

Office Education Program to Provide All Students with Entry Level Job Competencies.
Organization: Santa Clara Unified School District, Calif.

Descriptive information unavailable.

SB000531

Needs Assessment, Planning and Evaluation Internship Training and Services for Community Colleges Occupational Education.
Organization: Sweetwater Community Coll. District, Calif.
Contract and/or Control No.: 37-68429-D-4

This project is designed to provide an internship training program for three previous research projects in needs assessment, management and information system, and evaluation systems. The training program will synthesize the previously developed models into one vocational education system package. The complete system will provide continuous training and resource services through workshops and onsite consulting with interested administrators from fifteen selected vocational education projects.

SB000532

Manpower Projection Model System.
Organization: Ventura County Superintendent of Schools, Calif.

The purposes of this project phase are to further refine the Manpower Projection Model (which is a systematic method for obtaining vitally needed information on labor market demand and a better understanding of the nature of work for vocational education planners) to develop a field-testing process for the model to determine its validity in other Standard Metropolitan Statistical Areas (SMSAs), and to pilot test a program of inservice training.

SB000533

Public Service Occupations for Disadvantaged Students.
Organization: San Diego Unified School District, Calif.
Contract and/or Control No.: 37-68338-D-4-010

The goal of this project is to implement and test the Public Service Occupations Curriculum to determine the flexibility of the curriculum guides in accommodating disadvantaged and nondisadvantaged students. The project also plans to evaluate the state-developed curriculum to determine the extent to which its content, activities, and resources are applicable to disadvantaged students. A document for using the curriculum will be prepared.

Fiscal Year 1975

SB000534

Karl Holton Individualized Manpower Training System Project.
Organization: California Youth Authority, Sacramento.
Contract and/or Control No.: 34-34348-D-5

The Individualized Manpower Training System (IMTS) is an individualized vocationally oriented system for delivery of basic remedial and related training which emphasizes prevocational exploratory activities. By implementing an IMTS at the Karl Holton School, a California Youth Authority correctional facility, this project plans to develop an educational plan for each student and to raise student reading comprehension and arithmetic computation scores as measured by standardized tests.

SB000535

Career Education Responsive to Every Student (Third Year).
Organization: Ceres Unified School District, Calif.
Contract and/or Control No.: 50-71043-D-5

This is Part III of a three-year project to develop an operational model for career education in grades K-14. The goals of the project include restructuring the curriculum to relate academic materials to occupational interest, providing students with a background of occupational information, and improving guidance services. Part III of this project will focus on extending the use of the previously developed Career Education Matrix and infusing career education into the entire curriculum with positive impact on reading and mathematics.

SB000536

A Model Career Placement Service.
Organization: Los Rios Community Coll. District, Sacramento, Calif.
Contract and/or Control No.: 34-67371-D-4

The purpose of the second phase of this continuing project is to integrate into a centralized and coordinated model placement center the four functions of student services which include cooperative work experience, job development, placement, and counseling. The service is designed to assist students both during and after occupational training to obtain employment in fields related to their training.

SB000537

Career Education Model Orange County Consortium (Third Year).
Organization: Orange Unified School District, Calif.
Contract and/or Control No.: 30-66621-D-5

A consortium, composed of two unified school districts and one community college district in Orange County, will develop a comprehensive career education model which will include teacher-developed curriculum, a guidance program, and a coordinated work-experience and regional occupational program to service students from kindergarten to community college levels. The purposes of this third phase include completing curriculum development, field testing curricula, and expanding the work experience program.

SB000538

Mesa Verde Business Enterprise Training Program.
Project Director: Triplett, N. B.
Organization: San Juan Unified School District, Carmichael, Calif.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

Phase I objectives include selecting and hiring a curriculum specialist to be responsible for developing and coordinating the Business Enterprise Training (BET) Program and related management strategies; forming a BET Program Advisory Committee to make recommendations to the curriculum specialist; and receiving curriculum development recommendations from career cluster leaders, staff, and students from Mesa Verde.

SB000539

Development of a Supermarket Management Program with Emphasis on Coordinated Instruction Education Systems Approach (Phase III).
Organization: San Mateo Community Coll. District, Calif.
Contract and/or Control No.: 41-69054-D-5

The purpose of this final phase of a three-phase study is to continue to develop a supermarket management college program to meet the needs of occupational students at Canada College and the expanding manpower requirements of the supermarket industry, and to continue to develop, validate, and disseminate a coordinated instructional program. Specific objectives include individualizing two supermarket core courses, developing three specialized one-unit short courses dealing with store skills, and evaluating the individualized course on supermarket operations.

SB000540

Following up on High School Graduates.
Organization: Santa Barbara County Schools, Calif. Office of Superintendent.

Descriptive information unavailable.

SB000541

Preliminary Project for Establishing Technically Related Instructional Programs with Industry Needs.
Organization: Simi Valley Unified School District, Calif.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purpose of this project is to implement and field test the Manpower Management Information System (MMIS) at the local school level to develop a comprehensive vocational program in occupational training geared to documented industrial needs. The project will develop an occupational program centered upon science-related vocations providing entry-level skills at the preprofessional level. The project also intends to develop an inter-educational agency and industrial communication network.

Fiscal Year 1976

SB000542

Developing a Comprehensive and Articulated Concept for College Career Centers - Small College Component.
Project Director: Hertert, Patricia C.
Organization: Yosemite Junior Coll. District, Columbus, Calif.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 50-71340-D-6-010

The purpose of this project is to assist small colleges serving rural populations to develop usuable career center programs by adapting various community college models to improve the delivery of services. The objectives of this project include developing a comprehensive set of organizational procedures, identifying and expanding the existing occupational data base, and examining the potential for utilizing the California Manpower Information System.

SB000543

Career Information Systems Project.
Project Director: Boortz, Nathan H.
Organization: Foothill-De Anza Community Coll. District, Los Altos Hills, Calif.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 43-96443-D-6-010

The purpose of this project is to prove the value of an integrated "supermarket" approach for improving the number and quality of career-related services offered by educational institutions. Documentation of the design, implementation, modification, and dissemination of the total system will be accomplished so that other educational institutions can adapt the model. The model is expected to increase the number and kinds of services provided and provide better access to career and career training information.

SB000544

Comprehensive Office Training Program.
Project Director: Garver, Phil
Organization: Clovis Unified School District, Calif.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 10-62117-D-6-010

This continuing project to develop an open entry/open exit office training program will involve expanding the program to legal, medical, and insurance training; providing quick and low-cost job placement to students; and further developing and refining training stations, instructional materials, and competency modules. The objectives of this project include improving and providing the guidance necessary to identify the training needs of the individual, and refining and expanding office training curriculum to provide realistic training.

SB000545

Multidisciplinary Model, Distributive Education, Phase II.
Project Director: Walquist, James
Organization: Antioch Unified School District, Calif.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 07-61648-D-6-010

Phase II of a three-part project is designed to implement a multidisciplinary vocational program calling for students from home economics, arts and crafts, drama, office education, distributive education, and industrial education to receive training in core competencies required of all job entry-level employees, produce pro-

ducts related to their interests, and select a specific occupation in which to pursue individualized training. During Phase II, students will begin operation of a business, and development and revision of curriculum and materials will continue.

SB000546

Interpretive Study: Mainstreaming Vocational Education for the Handicapped in California Secondary Schools.
Organization: California State Univ., Fresno.
Contract and/or Control No.: 10-30593-D-6-010

This project proposes to develop information resources to help educational agencies design and implement successful mainstreaming programs for the handicapped. Specific objectives include identifying significant characteristics of such programs throughout the country, locating model programs in California, developing guidelines for program analysis and implementation, and preparing a handbook to serve as a procedural guide to be used in assessing or initiating mainstreaming programs.

SB000547

Mesa Verde Business Enterprise Training Program.
Project Director: Triplett, N. B.
Organization: San Juan Unified School District, Carmichael, Calif.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 34-67447-D-6-010

This Phase II funding will provide additional staff to coordinate a staff development program, coordinate the results of Phase I pilot testing of the Business Enterprise Training (BET) Program, and coordinate the development of an eleventh and twelfth grade curriculum which will infuse the major components of the BET Program into the regular classroom career education programs. Special consultants are also needed to assist in developing unique curricular components of the program.

SB000548

Launching a Consortium to Plan a Metropolitan Supermarket Approach to Improvement of Career Guidance Centers as Part of a Statewide Model.
Project Director: Koltai, Leslie
Organization: Los Angeles Community Coll. District, Calif.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-64741-D-6-010

A consortium of five Los Angeles area community colleges propose to develop a model career guidance center capable of serving the diverse needs of all potential users in the densely populated metropolitan area. After determining the requirements of an efficient system, the consortium will share resources and collectively plan improvements for already functioning models. The consortium will also develop procedural systems to be used by other metropolitan colleges in developing centers using the "supermarket" concept of career guidance services.

SB000549

A Model Career Placement Service Phase III.
Project Director: Quint, Louis
Organization: Los Rios Community Coll. District, Sacramento, Calif.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 34-67371-D-6-020

This is the third phase of a project to develop a Career Placement Service model to place students, both during and after their occupational training, either in positions for which they have been trained or in related positions which meet ther needs and the needs of employers. Phase III will continue to refine and expand the functions of the placement service. The project will also conduct a follow-up of students to evaluate the services of the Career Placement Center.

Fiscal Year 1977

SB000550

Career Education Delivery System.
Organization: Orange Unified School District, Calif.

Descriptive information unavailable.

SB000551 **VTP-2734**

Career Awareness and Vocational Preparation for Junior High School Students.
Project Director: Le Kander, Laurence
Organization: Salinas Union High School District, Calif.
Funding Period: Start Date 1 Sept 76; End Date 31 Aug 77

This project, designed to demonstrate the effectiveness of products and techniques in a junior high school setting, will offer students a career planning system and an opportunity to participate in a series of work-sampling experiences which will allow students and counselors to objectively evaluate the student's vocational aptitudes and abilities. The project will be accomplished in three phases: (1) career planning system, (2) career awareness laboratory, and (3) vocational evaluation system. The model will be available for replication in other junior high schools in the state.

SB000552 **VTP-2736**

Multidisciplinary Model, Distributive Education, Phase III.
Project Director: Walquist, James
Organization: Antioch Unified School District, Calif.
Contract and/or Control No.: 07-61648-D-6-010

Phase III of a three-part project is designed to implement a multidisciplinary vocational program calling for students from home economics, arts and crafts, drama, office education, distributive education, and industrial education to receive training in core competencies required of all job entry-level employees, produce products related to their interests, and select a specific occupation in which to pursue individualized training. During Phase III, students will begin operation of the business, and development and revision of curriculum and materials will continue.

SB000553

Community Volunteer Recruitment Methodology for Implementing the Reform of Intermediate and Secondary Education Objectives.
Organization: Santa Barbara High School District, Antioch, Calif.

Descriptive information unavailable.

SB000554 **VTP-2667**

Eureka: The California Career Information System.
Project Director: Halligan, Patrick
Organization: Richmond Unified School District, Calif.
Funding Period: Start Date 1 Sep 76; End Date 30 Jun 77
Contract and/or Control No.: 07-61796-D-7-010

The project's purpose is to provide current, accurate, and locally relevant labor market and educational information to aid California youths in career exploration and decision making. To this end, computer terminals will be located in each of the seven Richmond Unified School District high schools and in two private, nonprofit schools; and counseling areas, career centers, and learning centers will also be available.

SB000555 **VTP-2666**

Effectiveness of a Systemized Approach to Using Career Tests and Resources.
Project Director: Whitfield, Edwin A.
Organization: San Diego County Schools, Calif
Funding Period: Start Date 1 Oct 76; End Date 30 Jun 77
Contract and/or Control No.: 37-10371-D-7-010

The purpose of the project is to test the effectiveness of the "Career Tests and Resources Selection System" in assisting school staffs in four high schools to select and utilize career resources and tests with their students. Specific objectives include combining selected tests and resources with project-developed resources to plan and initiate a career planning course for students in grade 11, and pre- and posttesting both control- and experimental-group students.

SB000556 **VTP-2668**

Evaluating the Program Concept in Vocational Agriculture.
Project Director: Thompson, Orville
Organization: California Univ., Davis.
Funding Period: Start Date 1 Sep 76; End Date 30 Jun 77

Contract and/or Control No.: 57-30023-D-7-010

The project will assist vocational agriculture departments in developing and implementing a planned instructional program based upon students' occupational goals and on job market needs. Three high schools will be selected to pilot test the feasibility of incorporating the program concept of vocational agricultural instruction into all vocational agriculture departments in California. This project will determine the effectiveness of an organized student program planning procedure for various types of high schools.

SB000557 **VTP-2733**

Business Enterprise Training (continuation).
Project Director: Johnson, Jack C.
Organization: San Juan Unified School District, Carmichael, Calif.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 34-67447-D-7-010

In its third and final year, the project will continue to develop and implement distributive education curriculum which is interdisciplinary and relates classroom learning to real life, provides for career exploration and preparation, and prepares students with salable knowledge and skills. The emphasis of the third year will be on dissemination, staff development, and pilot testing and distribution of curriculum.

SB000558

Placement Clearinghouse for the Landscape Industry.
Organization: Butte Community Coll. District, Oroville, Calif.

Descriptive information unavailable.

SB000559

Demonstration-Bay Area Cooperative Education Clearinghouse.
Organization: San Mateo County Community Coll. District, Calif.

Descriptive information unavailable.

SB000560

Career Center Model Development.
Organization: Foothill-De Anza Community Coll. District, Los Altos Hills, Calif.

Descriptive information unavailable.

COLORADO

Part C

Fiscal Year 1971

SB000561 **VTP-248**

Development and Evaluation of Audio-Visual Materials for Environmental Studies.
Project Director: Dudley, David A.
Organization: Denver Community Coll., Colo.
Funding Period: Start Date 19 Jul 71; End Date 30 Dec 71

The project will analyze the units of instruction in the environmental curriculum, identify units for which audiovisual materials will be prepared, develop materials to accompany environmental studies units, and evaluate and use the materials for instruction. Selection, acquisition, collection, correlation, and evaluation of all materials and data will be made, followed by a revision of materials and a submission of a final report.

SB000562 **VTP-249**

Integration of Mental Health Concepts and Principles into the Total Nursing Curriculum of the Community College of Denver.
Project Director: Zabriskie, Felistis C.
Organization: Denver Community Coll., Colo.
Funding Period: Start Date 1 Aug 71; End Date 31 Jan 72

The study seeks to develop a conceptual framework of basic principles of mental health and communications, state objectives which implement the framework, outline the course content and the method of involvement, and identify behavioral objectives as a means for evaluation. The results of studying and analyzing the present curriculum and interviewing resource persons will be used in adapting the appropriate materials to the curriculum.

SB000563 **VTP-250**

Individual Audio-Pictorial Instruction for Automotive Mechanics.
Project Director: Clifford, John J.
Organization: Colorado Mountain Coll., Leadville.
Funding Period: Start Date 1 Jul 71; End Date 30 May 72

The purpose of the project is to create material so that students will be able to learn auto mechanics at their own pace and know when they have completed the program by being able to successfully complete performance tests. This project's first goal is to develop sound films closely linked to a simulator and wet-lab experience.

SB000564 **VTP-251**

A Followup Study of Former Students of Occupational Programs at Colorado Mountain College.
Project Director: Wisner, Patrick A.
Organization: Colorado Mountain Coll., Glenwood Springs.
Funding Period: Start Date 1 Jun 71; End Date 30 Jun 72

This project will determine how effectively the college is meeting the students' and community's needs, how well the objectives are being achieved, and will provide research evidence which can direct institutional change and improvement. The data will be gathered through student questionnaires, records of enrolled students, and interviews with employers. A statistical analysis will be made.

SB000565 **VTP-252**

Extending Individualized Instruction in the Electronic Servicing Program.
Project Director: Bowman, Wayne
Organization: Southern Colorado State Coll., Pueblo.
Funding Period: Start Date 14 May 71; End Date 30 Jan 72

The project's purpose is to revise, regroup, and update the electronic servicing program to improve the individualized instructional program started two years ago. Six of the ten electronics courses have been individualized and will be regrouped, material updated, and new material added to the instructional package. The other four courses will have the material organized into individualized units of instruction.

SB000566 **VTP-253**

Current Data on Retail Credit.
Project Director: Boespflug, James P.
Organization: Arapahoe Community Coll., Littleton, Colo.
Funding Period: Start Date 25 May 71; End Date 30 Jun 71

This project seeks to enrich a specialized occupational course by making it current with this rapidly changing field. Topics which are felt to need consideration by credit management personnel will be selected. Personal interviews with credit executives will be conducted to gather the credit information. Data received on the interviews will be compiled, and information to be used for classroom presentation will be extracted.

SB000567 **VTP-345**

Individualized Training Material on School Store Operation.
Project Director: Roberts, Joseph C.
Organization: Colorado State Univ., Ft. Collins. Dept. of Vocational Education.

The purpose of this project is to prepare a complete kit of individualized training sheets and make the kit available to state distributive education teachers who are interested in the laboratory method of instruction and who plan to sponsor a school store. Job, assignment, information, and task sheets will be prepared for each job to be learned.

SB000568 **VTP-235**

Health Services Industry Occupational Needs Study.
Project Director: Slyziuk, Kenneth M.
Organization: San Luis Valley Area Vocational School, Colo.
Funding Period: Start Date 15 Apr 71; End Date 15 Dec 71

The aim of this project is to collect and analyze data for a statewide health services industry occupational needs study. The State Board Research Coordinating Unit will conduct the work on the project, and print and publish copies of the occupational information. The information will be tabulated, organized, analyzed, and interpreted, and the results will be documented to identify changes in job structures and content and emergent occupations and job titles.

SB000569 **VTP-346**

Development of Sound Slides for Individualized Instruction in Distributive Education.
Project Director: Dalziel, John
Organization: Aurora Public Schools, Colo.

The purpose of this project is to establish an exemplary program for making motivational and educational sound slides for distributive education. Aurora coordinators will cooperate with personnel from a wide variety of local commercial and industrial establishments. Colorado State University will produce the sound and synchronize it with the film.

SB000570 **VTP-242**

Block Rotation in Distributive Education in La Junta's High School.
Project Director: Maik, Edward P.
Organization: La Junta High School, Colo.
Funding Period: Start Date 24 May 71; End Date 30 Jun 71

This project will introduce the block rotation system into the classroom instruction of the Distributive Education II classes. This system is developed around a series of topics needed by the student. Funding will assure preparation of student manuals and supplies, organizational planning and materials, and certain transportation and clerical costs.

SB000571 **VTP-243**

The Development and Testing of a Pilot Mini-Computer Data Processing Program Leading to a Certificate of Qualification for any of the Related Emerging Employment Opportunities in Colorado.
Project Director: Marrese, Michael
Organization: Arapahoe Community Coll., Littleton, Colo.
Funding Period: Start Date 15 Mar 71; End Date 30 Jun 72

The proposed project is to develop and carry through a program preparing students for jobs in the mini-computer field. A flexible program involving self-instructional materials, key lectures, and advisors will meet the demands for computer help. Students will be enrolled in a nine-month directed self-study program in which self-instructional materials will be used. Credits and certificates will be awarded upon completion of any phase of the course.

SB000572 **VTP-234**

Business Community Survey.
Project Director: Davis, Peggy
Organization: Roaring Fork School District, Glenwood Springs, Colo.

Preliminary plans for a cooperative office program include a personal survey of businesses to obtain information needed for evaluating the current business curriculum, initiating changes in the course content, and indicating what needs to be taught in the class. Interviews will be conducted and the results used to realign course content.

SB000573 **VTP-233**

Reorganization of Shorthand and Office Practice Teaching Materials.
Project Director: Jenkins, Sada Beth
Organization: Roaring Fork High School, Carbondale, Colo.
Funding Period: Start Date 24 May 71; End Date 30 Jun 71

The aim of this project is to reorganize and prepare instructional materials on office practice and shorthand. The media which will be used include individualized learner packets and assignment sheets for machine rotation, transparencies for presentation of business forms and illustrations for various phases of instructional units, dictation tapes for lab work and individualized practice, and instructional tapes for use with units.

SB000574 **VTP-244**

Programmed Courses for Office Practice.
Project Director: Smith, Sherrilyn
Organization: Holyoke High School, Colo.
Funding Period: Start Date 1 Jun 71; End Date 1 Sep 71

The purpose of the project is to develop programmed courses for various types of business interests such as filing, ten-key adding machines, electronic calculator, rotary calculator, business English, duplicating, personality development, and increased typing speed.

SB000575 **VTP-240**

Programmed Course in Pharmacology for Student Nurses.
Project Director: Williams, Eileen M.
Organization: Mesa Junior Coll., Grand Junction, Colo.
Funding Period: Start Date 1 Jun 71; End Date 1 Apr 72

The purpose of the project is to develop an associate degree programmed course which will increase student nurses' knowledge of the action of medications on patients. The course will be designed to be used with the courses which deal with nursing of adults and children. A final evaluation will be completed and a final report prepared.

SB000576 **VTP-237**

The Need for Natural Resource Technicians in Colorado.
Project Director: Tibbs, A. Lee
Organization: Colorado State Univ., Ft. Collins.
Funding Period: Start Date 31 Mar 71; End Date 30 Jun 71

The aim of this project is to determine how many technican positions exist, the types and job titles of these positions, and how many of the positions are vacant. A questionnaire will be developed and mailed, data will be compiled and analyzed, and a final paper will be written and submitted.

SB000577 **VTP-241**

Student Parent Educational Perception Inventory.
Project Director: Leglieter, Rudy
Organization: Pikes Peak Board of Cooperative Services, Colorado Springs, Colo.
Funding Period: Start Date 1 Oct 70; End Date 31 Jan 71

The educational goals and vocational aspirations of students in grades 9-11 will be surveyed; students' parents will be surveyed concerning occupational choices and their feelings and attitudes toward the public school's educational program. The data gathered will be used by district and state agencies to develop vocational planning and counseling services.

SB000578 **VTP-238**

A Study to Determine Number of Individuals Available to Enter the Labor Force.
Project Director: Rahe, Charles P.
Organization: Colorado Univ., Boulder. Div. of Business Research.

The purpose of this study is to provide information on the number of people who are available to enter the Colorado labor force each year, the conditions, and the trends. A research team will collect data and make assumptions concerning the variables involved. A predictive model will be constructed to determine how many people will be entering the labor force each year until 1980.

SB000579 **VTP-236**

Determining the Feasibility of Offering a Two Year Masonry Program in Colorado at the Secondary Level and the Job Placement Success the Graduates Will Have in Business and Industry.
Project Director: Stoddard, Jack
Organization: Otero Junior Coll., La Junta, Colo.

The purpose of this research project is to determine the feasibility of offering a secondary-level masonry program and determine the degree of job placement success the graduates would enjoy. The need, purpose, and costs of the project will be reported to the State Board for Community Colleges and Occupational Education. The masonry program graduates should be employable in business and industry.

Fiscal Year 1972

SB000580 **VTP-495**

Proposal to Determine the Feasibility of Establishing an Area Vocational School for School Districts in Adams County.
Project Director: Valentine, Ivan E.
Organization: Colorado State Univ., Ft. Collins.
Funding Period: Start Date 15 Oct 71; End Date 29 Feb 72

To determine if it is feasible to establish an area vocational school to serve five northern suburban area school districts, a student educational perception inventory will be administered in grades 7-12. Data from a business and industrial community sample will be collected and analyzed.

SB000581 **VTP-417**

A Research of the Educational Profile of the T&T Teachers in the State of Colorado of Approved Vocational Programs to be Used as a Basis of Planning Off-Campus Courses by the Department of Vocational Education of CSU.

Project Director: Anderson, Garfield A.
Organization: Colorado State Univ., Ft. Collins. Dept. of Vocational Education.
Funding Period: Start Date 1 Oct 71; End Date 30 Jun 72

The purpose of this study is to acquire an educational profile of all active trade and technical teachers to provide the department with a tool for long-range planning of off-campus courses. The procedures include establishing a profile from existing state records, developing an instrument to obtain additional information, and developing a data processing system.

SB000582 **VTP-411**

Basic Electricity–Behavioral Objectives Through Audio-Tutorial Techniques.
Project Director: Kale, Clyde O.
Organization: Southern Colorado State Coll., Pueblo.
Funding Period: Start Date 30 Jun 71; End Date 30 Jun 72

In order to better meet the needs of those disciplines which do not have sufficient students to warrant the development of a special class, the basic electricity courses offered by the Electronics Department as a service to various vocational departments will be converted to use an audio-tutorial technique of instruction. This method of instruction will utilize a common core of basic electrical knowledge and will be supplemented by a series of lessons aimed at each of the disciplines involved.

SB000583 **VTP-502**

Multi-Media Teaching Aids for Marketing, Introduction to Business and Management in Community Colleges.
Project Director: Gordon, Douglas C.
Organization: Arapahoe Community Coll., Littleton, Colo.
Funding Period: Start Date 24 May 71; End Date 30 Jun 72

The aims of this project are to stimulate learning in marketing, introduction to business, and management; develop material to stress key points in the area; and meet different levels of learning. A storage of useable teaching aides for marketing and introductions to business and management will be accomplished.

SB000584 **VTP-489**

Programmed Course in Pharmacology for Student Nurses.
Project Director: Williams, Eileen M.
Organization: Mesa Junior Coll., Grand Junction, Colo.
Funding Period: Start Date 1 Jun 71; End Date 1 Apr 72

The purpose of the project is to develop an associate degree programmed course which will increase student nurses' knowledge of the action of medications on patients. The course will be designed to be used with the courses which deal with nursing of adults and children. A final evaluation will be completed and a final report prepared.

SB000585 **VTP-423**

Business Community Survey.
Project Director: Davis, Peggy
Organization: Glenwood Springs High School, Colo.
Funding Period: Start Date 1 Jan 71; End Date 31 Dec 72

This survey will evaluate the current business curriculum, initiate changes in the course content of the present office practice class, and indicate what needs to be taught in the related cooperative class. A committee will conduct the survey, conduct the interviews, tabulate and publish results, and realign the course content.

SB000586 **VTP-420**

Conversion of Air Conditioning and Refrigeration Courses to Audio-Tutorial Approach.
Project Director: Risi, Vincent P.
Organization: Southern Colorado State Coll., Pueblo.
Funding Period: Start Date 10 Jun 71; End Date 30 Jan 72

This project will be used to adapt courses to the audio-tutorial approach of learning. This method emphasizes student learning through self-paced instruction. The procedures are to develop audio-magnetic tapes for theory and laboratory procedure, single concept movie films, color slides for audio tutoring, and student materials to accompany films and tapes.

SB000587 **VTP-410**

Follow-up Study of 1970-71 Vocational Education Graduates and Non-Completion Students.
Project Director: Turner, David R.
Organization: Mapleton Public Schools, Denver, Colo.

To obtain feedback for use by vocational decision makers in developing and maintaining programs, a follow-up study will be designed for students who left their vocational program as graduates or as dropouts. A survey of students will determine present employment, method of obtaining jobs, relation of job to training, adequacy of training, need for additional training, and salaries.

SB000588 **VTP-512**

Statewide Evaluation on Effectiveness of D. E. Teachers as Viewed by Their Students.
Organization: Brighton High School, Denver, Colo.

This study is an evaluation of the effectiveness of distributive education teachers as viewed by their students. The evaluation will concentrate on the instructors' rapport, understanding, and approach to their students and will be designed to give the teachers an evaluation tool for comparing themselves to other teachers. A survey form and student information sheet will be developed, published, and mailed; and the results will be sent to all teachers in the state.

SB000589 **VTP-500**

Business Management Program and Employment.
Project Director: Madden, Stan
Organization: Colorado Mountain Coll., Leadville.

To change the business management program in the college, data will be gathered concerning the employment potential of the district. A list of potential employers will be compiled, a probabilistic sample will be drawn, and a questionnaire will be mailed to sample respondents. The information will be tabulated and analyzed.

SB000590 **VTP-526**

Development of Audio-Tutorial Enrichment Program for the Two Year Medical Laboratory Technician Program.
Project Director: Mancuso, Patricia S.
Organization: Arapahoe Community Coll., Littleton, Colo.
Funding Period: Start Date 15 Oct 71; End Date 15 May 72

The purposes of this project are to research information and write and record scripts which are to be the audio portion of an audio-tutorial series of modules of medical laboratory techniques for the vocational program. These teaching media will enable students to repeat the needed demonstrations to obtain a full understanding of them.

SB000591 **VTP-416**

Development of a Study Guide for Succeeding in the World of Work.
Project Director: Griebenaw, Don
Organization: Denver Public Schools, Colo.
Funding Period: Start Date 15 Jul 71; End Date 30 Jun 72

The objective of this project is to develop a study guide for the new resource book "Succeeding in the World of Work" in order to make this material meaningful and useful to the vocational student.

SB000592 **VTP-528**

Digital Laboratory Experiment Stand.
Project Director: Cunningham, Joe
Organization: Arapahoe Community Coll., Littleton, colo.
Funding Period: Start Date 1 Jul 71; End Date 1 Jan 72

The aim of this project is to construct an equipment stand for digital integrated circuit demonstration and student lab experience for the industrial technology department. The lab unit will consist of circuits mounted on plug-in sockets, a power supply, patch board receiver, input and output jacks, and indicators. The demonstrations and student experimental circuits will be constructed using a plug-in patchboard.

SB000593 VTP-529

Multi-Media Methods of Teaching Principles of Accounting.
Project Director: Zentner, Duane E.
Organization: Arapahoe Community Coll., Littleton, Colo.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The aims of this project are to reduce the dropout rate in Principles of Accounting, raise the quality of learning in Accounting Theory, reach slow learners, and accelerate bright students. A learning research unit will be made available to all accounting classes. The intent is to develop a series of TV tapes for use in both the classroom and individually. These tapes would present lectures on topics in the text and demonstrate the application of accounting techniques.

SB000594 VTP-527

Individualizing Instruction in Distributive Education.
Project Director: Shumaker, Niles Alfred
Organization: Aurora Public Schools, Colo.
Funding Period: Start Date 10 Jun 71; End Date 25 Aug 71

The aims of this project are to add new materials and units to present materials; coordinate all available materials; and propose a curriculum for grade 12 which will include individualized instruction, traditional instruction, and correlated learning activities. This will allow the student flexibility and build enthusiasm.

SB000595 VTP-517

Summer Secretarial Pool.
Project Director: Johnson, Elaine
Organization: West End Public Schools, Naturita, Colo.

This project will determine needs; seek evaluation; encourage students, teachers, and community involvement in curriculum needs; and supply temporary work situations for vocational students. The work will be supervised and administered in the high school facilities, and the program will provide information on whether the present curriculum is meeting the needs of present and former students, thus providing either a basis for curriculum changes or validating the present offerings.

SB000596 VTP-516

A Proposal for Funding for a Project Using the General Aptitude Test Battery.
Project Director: Case, Clayton V.
Organization: Westminster School District, Colo.

The aim of this project is to objectively test students in vocational education programs at the secondary level with the General Aptitude Test Battery (GATB) in order to strengthen the present education structure. Students in several types of programs will be tested at various levels, and the testing will also be made available to students who are interested in entering a vocational program.

SB000597 VTP-525

Student, Parent Community Survey.
Project Director: Stoddard, Jack
Organization: Otero Junior Coll., La Junta, Colo.

This research study will conduct a survey of students, parents, and the community of eight local high schools in order to improve future planning at the Central Arkansas Valley Occupational Center at Otero Junior College, and in the State.

SB000598

Recruitment for Vocational Education Through Television.
Organization: Southern Colorado State Coll., Pueblo.

Descriptive information unavailable.

SB000599

Computer Based Vocational Employer and Job Placement Followup Inventory.
Organization: El Paso Community Coll., Colorado Springs, Colo.

Descriptive information unavailable.

SB000600

Development of Field Testing for Job Demand Data Instrument.
Organization: Boulder Valley Vocational School, Colo.

Descriptive information unavailable.

Fiscal Year 1973

SB000601

Colorado Occupational Survey (Weld County).
Project Director: Ribich, Victor
Organization: Aims Junior Coll., Greeley, Colo.
Funding Period: Start Date 10 May 72; End Date 1 Sep 72
Contract and/or Control No.: 73-04-02-001

By enlisting the support of volunteer community groups, this project will gather the data necessary to complete the Colorado Occupational Survey. This project will survey all 700 employers of four or more persons in the Weld County area.

SB000602

Experimental Program For Career Education In-Service Training.
Project Director: Lyon, George T.
Organization: Boulder Valley School District Re-2(J), Colo.
Funding Period: Start Date 1 Sep 72; End Date 30 Aug 73
Contract and/or Control No.: 73-04-02-002

This project is designed to identify the most effective career education inservice strategy for training of existing local school staff who are preparing to enter career education. A full-time inservice trainer will be employed to develop and test different inservice training program strategies in five different local districts.

SB000603

Developing, Demonstration and Evaluation of New and Improved Means of Recruitment, Retraining, and Retention of Allied Health Manpower.
Project Director: Renzelman, Al
Organization: Northeastern Junior Coll., Sterling, Colo.
Funding Period: Start Date 1 Jul 72; End Date 15 Aug 72
Contract and/or Control No.: 73-04-02-003

To provide upgrading and training programs in health occupations, this project proposes to (1) determine the upgrading needs of health occupations employees, (2) determine facilities available in Northeast Colorado for inservice training, (3) prepare a list of qualified individuals who could help in upgrading and inservice training, and (4) help provide training to these employees.

SB000604

Proposal to Determine the Professional Preparation and Needs of Community College Instructors in Colorado.
Project Director: Martin, Delbert W.
Organization: Colorado State Univ., Ft. Collins. Dept. of Vocational Education.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 73-04-02-004

The goals of this project are to determine (1) what elements are considered most appropriate for inclusion in teacher education programs for community college instructors, (2) which elements are unique to the two-year college, (3) what implications the selected elements have for inservice education and orientation programs for faculty, and (4) if the preservice education received by the division directors and instructors was adequate for entry into the community college field.

SB000605

Descriptive Research Follow-Up.
Organization: Southern Colorado State Coll., Pueblo.

Descriptive information unavailable.

SB000606

Job Attitude Study.
Organization: Colorado State Univ., Ft. Collins.

Descriptive information unavailable.

SB000607

Evaluation System.
Project Director: Spooner, Kendrick
Organization: Northern Colorado Univ., Greeley.
Funding Period: Start Date 1 Jan 73; End Date 30 Jun 73
Contract and/or Control No.: 73-04-02-007

To meet accountability demands, the Vocational Education Department of the University of Northern Colorado proposes an evaluation system which will service faculty and administration. The process will involve the development of student baseline data and a systematic procedure for collecting that data and the development of a systematic follow-up of graduates.

SB000608

Information Retrieval Center.
Project Director: McCleary, William H.
Organization: Northern Colorado Educational Board of Cooperative Services, Boulder, Colo.

To allow the State Board for Community Colleges and Occupational Education to evaluate the automated information retrieval services over a period of time, this project proposes to expand the number of requests currently being processed in the areas of vocational, technical, and occupational education in Colorado; demonstrate online retrievals using a video display terminal and printer at the CVA Convention held at Colorado State University; and provide a sample of the products available from the Center through an extensive search of individuals present at the CVA Convention.

SB000609

Job Market Survey/Job Analysis for Legal Assistants and Legal Secretaries in Colorado.
Project Director: Gunnett, Robert
Organization: Arapahoe Community Coll., Littleton, Colo.
Funding Period: Start Date 1 Nov 72; End Date 15 Feb 73
Contract and/or Control No.: 73-04-02-009

The purposes of this project are to explore updating the training of legal secretaries to include such new methods of handling information as the mini-computer and to determine a program for training people whose skills fall in between those of an attorney at law and a legal secretary. Specific objectives include developing a suggested job description for legal assistants.

SB000610

Model Computer Based Placement System.
Organization: El Paso Community Coll., Colorado Springs, Colo.

Descriptive information unavailable.

SB000611

Development of Merit Pay System for Voc-Tech Teachers at Larimer County Voc-Tech Center.
Project Director: Holmes, David
Organization: Larimer County Board of Cooperative Services, Ft. Collins, Colo.
Funding Period: Start Date 15 Dec 72; End Date 15 Mar 73
Contract and/or Control No.: 73-04-02-011

This project will develop a merit pay system for vocational and technical teachers employed at the Larimer County Voc-Tech Center which could be used as a guide in other Colorado Schools. A system for paying teachers based on their performance will be prepared by involving teachers, administrators, and board members in the development of an equitable and usable system.

SB000612

A Follow-Up Study of Former Students of Colorado Mountain College.
Project Director: Wisner, Patrick A.
Organization: Colorado Mountain Coll., Glenwood Springs, Colo.
Funding Period: Start Date 1 Nov 72; End Date 30 Apr 73
Contract and/or Control No.: 73-04-02-012

To evaluate the degree to which Colorado Mountain College (CMC) is achieving its institutional objectives, this follow-up study seeks to determine (1) the impact of experiences students have while attending Colorado Mountain College on subsequent occupational or educational accomplishments, (2) the reasons for student attrition and withdrawal, (3) the effectiveness of student recruitment practices, and (4) the strengths and weaknesses of the counseling and guidance practices and the instructional program at CMC.

SB000613

Evaluation Study for an Area Vocational-Technical School Designation for Arapahoe and Douglas Counties.
Project Director: McGraw, Hersh D.
Organization: Arapahoe Community Coll., Littleton, Colo.
Funding Period: Start Date 2 Jan 73; End Date 31 Mar 73
Contract and/or Control No.: 73-04-02-013

In an effort to have Arapahoe Community College designated as an area vocational school, the project will attempt to compile and document sufficient data to demonstrate the need for such a school in Arapahoe and Douglas Counties and prepare and submit the application for designation in their behalf. The actual requirements of the two counties will be investigated and assessed.

SB000614

Needs of Music Industry with Implications for Vocational Education in the Comprehensive Community College.
Project Director: Thomas, Thomas S.
Organization: Trinidad State Junior Coll., Colo.
Funding Period: Start Date 1 Mar 73; End Date 1 Jun 74
Contract and/or Control No.: 73-04-02-018

To meet the local and national needs of the music industry, this project is designed to develop a curriculum that can train personnel in instrument repair, piano tuning and technology, music sales, and furniture touch-up and refinishing (organ and piano). A questionnaire will be developed to determine the required specific skills necessary to train personnel for work in each area.

SB000615

Career Education In-Service Education.
Organization: Pueblo School District 60, Colo.
Funding Period: Start Date 1 Feb 73; End Date 30 Aug 73
Contract and/or Control No.: 73-04-02-016

The purpose of this project is to provide inservice training for staff interested in career education at Boulder Valley Re-2, Rocky Ford R-2, Pueblo 60, Weld County Re-1, and Weld County R2-3J districts. Specific objectives include identifying and developing transportable inservice strategies; testing inservice strategies for effectiveness; and providing maximum consultative services for staff in the two districts.

SB000616

Job Attitudes (Employer Orientated).
Organization: Colorado State Univ., Ft. Collins.

Descriptive information unavailable.

SB000617

Skill Requirement Analysis for Selected Jobs.
Project Director: Carman, Frank
Organization: San Juan Basin Area Vocational-Technical School, Cortez, Colo.
Funding Period: Start Date 1 Mar 73; End Date 30 Jun 73
Contract and/or Control No.: 73-04-02-018

To provide input into curriculum and program revision and updating, this project is designed to complete a detailed skills requirement analysis for selected jobs for which students are being trained in the San Juan Basin Area Vocational School. Welding, auto mechanics, radio and television, diesel mechanic, cosmetology, distributive education, accounting, general clerical and stenographic, and secretarial jobs will be analyzed.

SB000618

Program in Career Opportunity.
Organization: Monte Vista Schools, Colo.

Descriptive information unavailable.

SB000619

Accountability Investigation for Community Colleges.

Project Director: Salzberg, Charles L.
Organization: El Paso Community Coll., Colorado Springs, Colo.
Funding Period: Start Date 19 Mar 73; End Date 30 Jun 73
Contract and/or Control No.: 73-04-02-020

The goals of this project include measuring the effect of each program at El Paso Community College (EPCC) on the subsequent employability of its students and relating the effects to the per-student cost of each program, comparing the employability effect in certificate programs versus associate science degree programs versus intensive upgrading programs, and examining a number of variables as they relate to predicting a student's success in all EPCC programs.

Fiscal Years 1974-1975 - No Projects Reported

Fiscal Year 1976

SB000620

The Effect of Vocational Instructors' Occupational Experience and Experience Recency on Instructors' Attitudes and Proficiency.
Project Director: Rask, Glen D.
Organization: Colorado State Univ., Ft. Collins.
Funding Period: Start Date 17 Mar 75; End Date 31 Dec 75
Contract and/or Control No.: 76-04-02-002

This project is designed to determine the effect of vocational instructors' occupational experience and the recency of that experience on their attitudes and proficiency in teaching. It is anticipated that this research will provide a basis for decisions regarding occupational experience requirements for vocational instructor certification and certificate renewal.

SB000621

The Development and Installation of Self-Evaluating Instruments Applicable for Assessment of Vocational Education.
Project Director: Knight, Jack
Organization: Adams County School District 12, Denver, Colo.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 76-04-02-025

This project will attempt to design, implement, and operate an evaluation system which will be applicable to all vocational education programs in District 12, meet all the requirements of the State Board for Community Colleges and Occupational Education, and be transportable to other local school districts in the state. The evaluation system will provide appropriate data for program assessment and planning in vocational education.

SB000622

Study of Community College Shared Governance.
Project Director: Hawley, Leonard A.
Organization: Trinidad State Junior Coll., Colo.
Funding Period: Start Date 1 Jun 75; End Date 1 Jun 76
Contract and/or Control No.: 76-04-02-006

The objectives of this project are to determine and compare the opinions about shared governance between vocational and nonvocational students, faculty, and other personnel including administration and local councils. Unique and shared concerns will be identified and a basis for developing a plan of action for Trinidad Junior College and other state community colleges will be provided.

SB000623

Competencies Necessary for Successful Employment in Sheep Production.
Project Director: Wyatt, Windol L.
Organization: Colorado State Univ., Ft. Collins.
Funding Period: Start Date 1 Jun 75; End Date 30 Jun 76
Contract and/or Control No.: 76-04-02-007

This research project is designed to identify the knowledges, skills, abilities, and attitudes necessary for successful employment in the area of sheep production. Specific objectives include conducting a search and compiling a bibliography of all related literature, identifying and developing a list of the occupations in sheep production, and identifying and validating a list of competencies from a variety of resources.

SB000624

A Study to Investigate and Clarify the Role of Industrial Arts in Colorado and Its Interface With Vocational Education.
Project Director: Thomas, Maurice G.
Organization: Colorado State Univ., Ft. Collins.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 76-04-02-010

The purpose of this project is to conduct a thorough investigation of the role of industrial arts in Colorado schools and the relationship of industrial arts to vocational education. Project activities include reviewing and synthesizing the current literature, collecting data from industrial arts teachers in Colorado, and conducting a conference which will assemble approximately twenty-five representatives from industrial arts, vocational education, and career education.

SB000625

Developmental Study for an Alternative Curriculum for Secondary Distributive Education Programs in Comprehensive High Schools.
Project Director: Beall, Charles
Organization: Northern Colorado Univ., Greeley.
Funding Period: Start Date 1 Oct 75; End Date 30 Jun 76
Contract and/or Control No.: 76-04-02-022

The purpose of this project is to determine if a need exists for greater specialization in secondary-level distributive education programs and, if it does, to develop a model curriculum. Two task forces made up of teachers, administrtors, business and industry representatives, State Board for Community Colleges and Occupational Education staff, and teacher educators will be used.

SB000626 **VTP-2434**

Evaluation of Preservice and Inservice Program for Beginning Vocational Teachers Who Lack Preservice Training.
Project Director: Valentine, I. E.
Organization: Colorado State Univ., Ft. Collins. Dept. of Vocational Education.
Funding Period: Start Date 1 Sep 75; End Date 31 Aug 76

The purposes of the project are to gather data to be used in determining the effectiveness of newly adopted preservice and inservice training on new vocational teachers who have little or no preservice training, and to determine the changes which need to be made to improve preservice and inservice activities. Printed questionnaires will be used to survey area teachers, administrators, and supervisors prior to and at the conclusion of inservice activities.

SB000627 **VTP-2435**

Vocational vs. Non-Vocational Career Choice Among Latin American Students in Colorado Community Colleges.
Project Director: Vigil, R. Lyle
Organization: Colorado State Univ., Ft. Collins. Dept. of Vocational Education.
Funding Period: Start Date 1 Aug 75; End Date 30 Aug 76

The objectives of this study are to identify the theoretical contract best describing the procedure Latin American students follow in choosing to participate in vocational programs, and to identify those factors which differentiate vocational and nonvocational Latin American Community College students. Procedures will include identifying the students, mailing a questionnaire to a random sample of students, developing a statistical program, and analyzing the data.

SB000628

Evaluating Programs for the Disadvantaged.
Project Director: Witte, Brenda G.
Organization: Colorado State Univ., Ft. Collins.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76
Contract and/or Control No.: 76-04-02-016

The major purpose of this study is to provide data that would be useful in analyzing and evaluating programs for the disadvantaged. The findings will be utilized at a later time for the total evaluation of Project Tomorrow. Specific objectives include investigating various evaluation techniques and validating instruments and procedures used to evaluate programs for the disadvantaged.

SB000629

Evaluating the Efficiency and Effectiveness of a Self-Instructional Program for Preparing Keypunch Operators.
Project Director: Lewis, Wiley B.
Organization: Colorado State Univ., Ft. Collins.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The project's purpose is to collect reliable data on curriculum materials developed by a consortium composed of Larimer County Vocational-Technical Center; Warren Occupational Technical Center; and Community College of Denver, Red Rock campus. By allowing nonconsortium institutions to use the materials, data relevant to the efficiency and effectivess of the materials will be generated. An attitudinal instrument will be used.

SB000630 VTP-2433

Curriculum Guides for Multi-School Districts.
Project Director: Mackey, C. J.
Organization: Denver Public Schools, Colo.
Funding Period: Start Date 2 Dec 75; End Date 30 Sep 76

This project will produce a bank of validated skills and knowledge for five major employment areas. Utilizing teams of employer and employee groups and vocational education instructors, a list of job tasks will be subjected to a Delphi process. The final product will be a listing of skills and knowledges needed for entry-level employment in aerospace, allied health, commercial foods, drafting, and small engine repair.

SB000631

A Vocationally Oriented Program for Disadvantaged and Handicapped Students.
Project Director: Lincoln, Samuel T.
Organization: Alamosa High School, Colo.
Funding Period: Start Date 1 Aug 75; End Date 30 Jun 76
Contract and/or Control No.: 76-04-02-020

The objective of this project is to develop a vocationally oriented program for secondary disadvantaged and handicapped students which provides training in basic skills needed for entry into vocational programs. As a result of developing these basic skills, it is anticipated that students will be able to make more realistic occupational choices. Procedures will include testing students' performance levels in reading, English, and math.

SB000632

Assessment of the Effects of Utilizing Para-Professionals In an Area Vocational School Career Planning Center.
Project Director: Stokes, Robert P.
Organization: Mesa Junior Coll., Grand Junction, Colo.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 76-04-02-017

This project will attempt to determine the effectiveness of using a paraprofessional at the postsecondary level to provide numerous vocational guidance services of a preliminary or informational nature, thus freeing the guidance and job development specialists for other duties.

SB000633

Investigation of Differences in Achievement, Drop Out Rate and Interest Between Students Using Present Learning Activity Packet System and Those Using a Modified Learning Activity Packet System.
Project Director: Kaman, Mitchell
Organization: Larimer County Vocational-Technical Center, Ft. Collins, Colo.
Funding Period: Start Date 1 Aug 75; End Date 20 Jun 76
Contract and/or Control No.: 76-04-02-018

This project will attempt to determine if differences exist in achievement, dropout rate, and interest between Larimer Voc-Tech students who use the present Learning Activity Packets (LAP) system and those who use a modified LAP system including diagnostic pretesting, reading readiness, supplemental skills, and small group activities. A readability analysis will be performed on all materials used in the program, and group and individual diagnostic reading inventories will be developed.

SB000634

Field Testing and Evaluation of HERO Employers Handbook.
Project Director: McCauley, Jan
Organization: Alamosa High School, Colo.
Funding Period: Start Date 20 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 76-04-02-019

The purposes of this project are to field test, evaluate, and validate a Home Economics Related Occupations (HERO) employer's manual in schools state-wide and to make appropriate revisions so that the manual will be applicable state-wide. The manual contains guidelines and general information to help HERO teacher-coordinators work with employers to explain the program.

SB000635

Business and Office Education Audio-Response.
Project Director: Fillenberg, Carol K.
Organization: Northglenn Senior High School, Denver, Colo.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76
Contract and/or Control No.: 76-04-02-021

This project will attempt to teach oral communications through the medium of audio-response in order to develop self-confidence and positive self-concepts in students. The same equipment will be used for training in dictation and transcription, with emphasis on office-style dictation. A dictation-transcription unit will be provided each student in the selected classes.

SB000636

Colorado Vocational Agriculture Teacher Competency Needs in Agricultural Mechanics With Implications for Curriculum and Facilities.
Project Director: Groves, Ramsey M.
Organization: Colorado State Univ., Ft. Collins.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 76-04-02-008

This project will attempt to develop a research base of competencies needed by vocational agriculture teachers and their students in the area of agricultural mechanics. This competency base should provide curriculum planners and teachers with information necessary to design training programs which will better prepare students for successful employment in agricultural mechanics occupations and to design preservice and inservice programs for vocational agriculture teachers.

Fiscal Year 1977

SB000637

Business and Office Education Audio-Response.
Project Director: Fillenberg, Carol K.
Organization: Northglenn Senior High School, Denver, Colo.
Funding Period: Start Date 1 Dec 76; End Date 30 Sep 77
Contract and/or Control No.: 77-04-02-002

Phases IV and V of this continuing three-year project for students in selected business and office education classes will include students who have used audio-response for three semesters. Objectives include comparing verbal communication skill, feelings, and attitudes of students using audio-response for zero through three semesters, and measuring the transfer of the verbal communication skill to a job interview situation.

SB000638

Identification of Factors Contributing to Student Dropout.
Organization: Warren Occupational Technical Center, Golden, Colo.

Descriptive information unavailable.

SB000639

National Advisory Council Technical Assistance to State.
Organization: Colorado Vocational Association State Advisory Council, Denver.

Descriptive information unavailable.

SB000640

Sex Role Stereotyping.
Organization: Colorado State Univ., Ft. Collins.
Descriptive information unavailable.

SB000641

Perception Study, Phase II.
Project Director: Valentine, Ivan E.
Organization: Colorado State Univ., Ft. Collins.
Funding Period: Start Date 1 Nov 76; End Date 31 Aug 77
Contract and/or Control No.: 77-04-02-013

The purpose of this project is to complete the second phase of the total project utilizing the same instrumentation as used in Phase I. Phase II will be accomplished in two parts, the major objectives of which include (1) determining the relationship between the perceptions held by those responsible for occupational education at the state level and determining the perceptions of their role as members of the professional staff of the State Board for Community Colleges and Occupational Education, and (2) determining the effectiveness of vocational teacher education in Colorado as perceived by teacher educators in Colorado.

SB000642

Adams County Vocational Education Survey of Students, Parents, and Business and Industry.
Project Director: Fillenberg, Carol K.
Organization: Adams County School District 12, Denver, Colo.
Funding Period: Start Date 1 Mar 77; End Date 30 Sep 77
Contract and/or Control No.: 77-04-02-014

A survey of students, parents, and the business and industrial community will be conducted in Adams County School Districts 1, 12, 14, 50, and 27J. Objectives include determining what vocational programs should be offered, the business and industrial community's attitudes concerning the skills and abilities of local school graduates, and parent attitudes toward the existing vocational education program.

SB000643

Determining the Educational Value of State and National Young Farmer Institutes.
Project Director: Cross, Irving C.
Organization: Colorado State Univ., Ft. Collins.
Funding Period: Start Date 1 Mar 77; End Date 31 Aug 77
Contract and/or Control No.: 77-04-02-015

The purpose of this project is to determine the educational value of the National and Colorado Young Farmer Institutes in order to provide a research base for program planning for institutes to meet the educational interests and needs of young farmers. Specific objectives include identifying and developing lists of activities conducted at the Institutes and a list of purposes for conducting a state or national institute.

SB000644

Dissemination of Local Director Packets.
Organization: Colorado State Univ., Ft. Collins.
Descriptive information unavailable.

SB000645

Teacher Education Evaluation.
Organization: Colorado State Board for Community Colleges and Occupational Education, Denver.
Descriptive information unavailable.

SB000646

Criteria for Improving Vocational Programs in Colorado.
Project Director: Gill, Gregory D.
Organization: Colorado State Univ., Ft. Collins.
Funding Period: Start Date 1 Apr 77; End Date 31 Aug 77
Contract and/or Control No.: 77-04-02-021

The purpose of this project is to evaluate the criteria which the Comprehensive Program Review uses to evaluate vocational programs. The objectives include determining differences in criteria for improving vocational programs between the North Central Regional Accrediting Agency and the Comprehensive Program Review and determining the need for specific criteria for improving vocational program service areas.

SB000647

Revision of Beef Cattle Competency Study to Improve Reliability.
Project Director: Groves, Ramsey M.
Organization: Colorado State Univ., Ft. Collins.
Funding Period: Start Date 1 Apr 77; End Date 31 Aug 77
Contract and/or Control No.: 77-04-02-022

This project seeks to improve the reliability of the study by securing additional responses from persons engaged in beef production outside of Colorado. Questionnaires will be sent to each of 200 identified beef producers, results will be tabulated and combined with original study data, and ten copies of a revised final report will be produced.

SB000648

Vocational Teachers and Administrators Credential Renewal Survey.
Project Director: Wallace, Harold R.
Organization: Colorado State Univ., Ft. Collins.
Funding Period: Start Date 1 May 77; End Date 30 Jun 77
Contract and/or Control No.: 77-04-02-023

The purpose of this project is to aid in evaluating changes made in vocational credentialing and to learn how the State Board and the universities might better contribute to the process of professional development for Colorado vocational teachers and educators. Specific objectives include determining whether formal, written plans to renew credentials have been developed for 360 individuals whose credentials will expire in 1977.

SB000649

A Study to Determine the Feasibility and Possibility of Making Practical Nurse Training Available to Secondary Level Area Vocational Program Students.
Project Director: Hachmeier, Florence
Organization: El Paso Community Coll., Colorado Springs, Colo.
Funding Period: Start Date 1 Jun 77; End Date 31 Oct 77
Contract and/or Control No.: 77-04-02-026

This study seeks to assess the feasibility of providing LPN training to secondary vocational programs. If the study determines that providing such training is feasible, quality LPN training will be provided; if the study determines that providing such training is not feasible, problem areas and the reasons for them will be assessed.

Part D

Fiscal Year 1970

SB000650

International Secretarial Program.
Organization: Denver Community Coll., Colo.
Descriptive information unavailable.

SB000651

Career Development - An Integrated Curriculum Approach K-12.
Organization: University of Northern Colorado, Greeley.
Descriptive information unavailable.

SB000652

Continuation and Expansion of a Secondary Occupational Information Program.
Organization: Jefferson County Public Schools, Lakewood, Colo.
Descriptive information unavailable.

SB000653

Vocational Guidance in Alamosa Junior High School Social Studies Classes.
Organization: Alamosa Junior Coll., Colo.
Descriptive information unavailable.

SB000654

Development of Socially Desirable Attitudes and Knowledge of Occupational Opportunities for Rural Youth for Western Colorado.
Organization: Paonia Elementary and Junior High School Joint District, Colo.
Descriptive information unavailable.

SB000655

156 Mini Grants at $300-$500 Apiece.
Organization: Colorado State Dept. of Education, Denver.
Descriptive information unavailable.

Fiscal Year 1971

SB000656

Development of Socially Desirable Attitudes and Knowledge of Occupational Opportunities for Rural Youth for Western Colorado.
Organization: Paonia Elementary and Junior High School Joint District, Colo.
Descriptive information unavailable.

SB000657

156 Mini Grants at $300-$500 Apiece.
Organization: Colorado State Dept. of Education, Denver.
Descriptive information unavailable.

SB000658

Industrial Arts Curriculum Project, World of Construction.
Organization: Colorado Springs Public Schools, Colo.
Descriptive information unavailable.

SB000659

Practical Nurse Certification Program.
Organization: Colorado State Board for Community Colleges and Occupational Education, Denver.
Descriptive information unavailable.

SB000660

World of Construction.
Organization: Colorado Springs School District 11, Colo.
Descriptive information unavailable.

SB000661

Guidance and Insight.
Organization: Colorado Springs School District 11, Colo.
Descriptive information unavailable.

SB000662

Occupational Education for Junior High.
Organization: Las Animas School District, Colo.
Descriptive information unavailable.

SB000663

Orientation.
Organization: Otero County School District, La Junta, Colo.
Descriptive information unavailable.

SB000664

Guidance.
Organization: Colorado Springs Public Schools, Colo.
Descriptive information unavailable.

Fiscal Year 1972

SB000665

Traffic Engineering Technology.
Organization: Colorado State Board for Community Colleges and Occupational Education, Denver.
Descriptive information unavailable.

SB000666

Planning Grant: Plan a K-12 Curriculum to Prepare Students for the World of Work.
Organization: Jefferson Administration Area, Colo.
Descriptive information unavailable.

SB000667

A Vocational-Academic Skills Development Program in Consumer and Industrial Arts of Economically and Educationally Handicapped Students.
Organization: Las Animas Junior High School, Colo.
Descriptive information unavailable.

SB000668

Practical Nursing.
Organization: El Paso Community Coll., Colorado Springs, Colo.
Descriptive information unavailable.

SB000669

World of Construction.
Organization: Colorado Springs Public Schools, Colo.
Descriptive information unavailable.

SB000670

World of Manufacturing.
Organization: Colorado Springs Public Schools, Colo.
Descriptive information unavailable.

SB000671

Prevocational Occupational Education.
Organization: Rock Ford School District, Colo.
Descriptive information unavailable.

SB000672

World of Manufacturing.
Organization: Denver Public Schools, Colo.
Descriptive information unavailable.

SB000673

World of Construction.
Organization: Denver Public Schools, Colo.
Descriptive information unavailable.

SB000674

Project Go.
Organization: Colorado Springs Public Schools, Colo.
Descriptive information unavailable.

Fiscal Year 1973

SB000675

Career Education.
Organization: San Juan Basin Area Vocational-Technical School, Cortez, Colo.
Descriptive information unavailable.

SB000676

Career Education.
Organization: Northeastern Board of Cooperative Services, Colo.
Descriptive information unavailable.

Fiscal Year 1974 - No Projects Reported

Fiscal Year 1975

SB000677

Career Education in Marketing and Distribution - Pilot Test.
Project Director: Imber, Richard
Organization: Aurora Public Schools, Colo.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

The purpose of this project is to field test materials developed by Contract Research Corporation (CRC), which includes the materials, inservice training, and evaluation components for one semester. CRC will furnish training and assistance to the teachers of the Career Education in Marketing and Distribution Program who will pilot test the materials.

SB000678

The Gateway Project.
Project Director: Maher, Francis
Organization: Platte Canyon School District 1, Bailey, Colo.
Funding Period: Start Date 1 Jan 75; End Date 31 Dec 75

Junior and senior high school students will be assisted in career decision making as a result of this project. Objectives include acquainting students in grades 7-12 with career information, providing career education support to the instructional and vocational guidance staff, and providing students with exploration experiences.

SB000679

Career Education Inservice.
Organization: Pueblo School District 60, Colo.
Descriptive information unavailable.

SB000680

Career Education Implementation Project.
Project Director: Mackey, Charles J.
Organization: Denver Public Schools, Colo.
Funding Period: Start Date 1 Jul 75; End Date 1 Jul 76

The purpose of this project is to acquaint teachers with career education concepts and methods for implementing these concepts. The objective will be to involve teachers in workshops or provide resource assistance. Teachers will be trained in the development of curriculum materials, use of resource materials, and opportunities available to students through the curriculum.

SB000681

Career Development K-14.
Organization: Northeast Colorado Board of Cooperative Services, Haxtun.
Descriptive information unavailable.

SB000682

Agricultural Exemplary Program.
Organization: Jefferson County School District R-1, Lakewood, Colo.
Descriptive information unavailable.

Fiscal Year 1976

SB000683 VTP-2187

Exemplary Programs for Small Schools–Business and Office Education.
Project Director: Spooner, Ken
Organization: Northern Colorado Univ., Greeley.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project is designed to help students in small schools accomplish work competency skills which are competitive with those of students from larger schools. Activities will include installation of a touch typing system, implementation of an office laboratory simulation area, development of materials to use in middle-sized schools to provide students with work competency skills, and development of a student placement system.

SB000684 VTP-2185

Career Education–A Process of Attitude Change (Continuation).
Project Director: Acott, Howard N.
Organization: San Juan Basin Area Vocational School, Cortez, Colo.
Funding Period: Start Date 1 Jul 75; End Date 1 Jul 76

This project is being continued to further emphasize positive attitude change through the implementation of career education into existing learning activities. Through student experiences, subject matter will be made more relevant to life and work. A block program, community involvement, and changes in classroom structure will be utilized. Career awareness and exploration programs and indepth preparation activities are being developed.

SB000685 VTP-2189

Lifestyle Instructional Strategies for Teachers–A Career Education Cluster Project.
Project Director: Pugh, Bill R.
Organization: San Juan Board of Cooperative Services, Durango, Colo.
Funding Period: Start Date 1 Jul 75; End Date 1 Jul 76

The intent of this project is to involve teachers, students, and administrators in grades 7-12 in a career education process. Emphasis will be given to training teacher-consultants to assist their districts with inservice training, utilization of resources, and curriculum modifications; continuing acquisition of materials for classroom use; developing materials, hands-on experiences, and lists of guest speakers; and developing a system to process teacher requests.

SB000686 VTP-2186

Career Education Implementation Project (Continuation).
Project Director: Mackey, Charles J.
Organization: Denver Public Schools, Colo.
Funding Period: Start Date 1 Jul 75; End Date 1 Jul 76

The purpose of this project is to acquaint teachers with career education concepts and methods for implementing these concepts. The objective will be to involve teachers in workshops or provide resource assistance. Teachers will be trained in the development of curriculum materials, use of resource materials, and opportunities available to students through the curriculum.

SB000687 VTP-2188

Exemplary Project in Career Education (Continuation).
Project Director: Oman, Herbert
Organization: Northeast Colorado Board of Cooperative Services, Haxtun.
Funding Period: Start Date 1 Jul 75; End Date 1 Jul 76

Career education has been developed to fit within the school organization and staffing patterns. Emphasis will now be placed on providing teachers with inservice courses, workshops, and meetings; developing career awareness activities to be shared among elementary schools; and developing placement and follow-up services and career resource centers.

Fiscal Year 1977

SB000688

Exemplary Distributive Education Cooperation.
Organization: Granada High School, Colo.
Descriptive information unavailable.

SB000689

Exemplary Programs for Small Schools Business and Office Education.
Organization: Northern Colorado Univ., Greeley.
Descriptive information unavailable.

SB000690

Business Clerical Program - A Rural Model.
Organization: Elizabeth Consolidated School District 1, Colo.
Descriptive information unavailable.

SB000691

Laboratory School Business and Office Education Exemplary Project.
Organization: Kersey School District, Colo.
Descriptive information unavailable.

SB000692

Development and Implementation of Home Economics Programs Based on New State Guidelines.
Organization: University of Northern Colorado, Greeley.
Descriptive information unavailable.

CONNECTICUT

Part C

Fiscal Year 1971

SB000693 **VTP-367**

Connecticut Vocational School Directory and Statistical Summary of Connecticut Vocational Education.
Organization: University Research Inst. of Connecticut, Inc., Wallingford.

This project will prepare a vocational school directory and statistical summary report. This directory of schools and their programs will provide a meaningful report on measurement of vocational education for planning use by the State Department of Education. The State Department will provide lists and directories of schools for the inclusion in the directory and summmary report.

SB000694 **VTP-195**

An Intensive Followup Study of Connecticut Vocational Agriculture Graduates of the Classes of 1961, 1964, 1967 and 1970.
Organization: Connecticut Univ., Storrs, Dept. of Agricultural Economics.
Funding Period: Start Date 1 Jan 71; End Date 31 Dec 72

The objective of this study is to obtain and analyze data pertaining to employment of vocational agriculture graduates. To accomplish the objectives, all known high school vocational agriculture graduates will be contacted by a mail questionnaire; respondents will be classified within twelve industry groups; education since high school will be investigated; and personal interviews will be conducted with a group of respondents and nonrespondents.

SB000695 **VTP-543**

The Development of a Career Exploration Program for Junior High Schools in New Britain.
Project Director: Bowman, Thomas R.
Organization: New Britain Board of Education, Conn.
Funding Period: Start Date 03 Jan 72; End Date 30 Jun 72

The goal of the program is to revamp the curriculum presently offered and to develop an integrated program designed to increase awareness of self-potential and vocational sophistication of students in a sequential and developmental process. Inservice training programs for teachers and guidance personnel in the use of a "work-role instructional technique" will be developed, as will "work-role observation" study units, stations, and guidance orientation and techniques.

SB000696

Elementary Career Orientation Program (K-3).
Project Director: Plotkin, Bennett
Organization: East Hartford Public Schools, Conn.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 72

Objectives of this career awareness program for grades K-3 include (1) integrating academic and vocational learning, (2) helping students understand the world through exploratory experiences, (3) training students in the core of skills relating to a cluster of occupations, (4) orienting students to work attitudes and habits, and (5) developing students' self-reliance, self-awareness, and self-understanding.

SB000697 **VTP-634**

Development of a Plan for the Training of Physicians' Assistants or Associates.
Project Director: Peckham, Wyley D.
Organization: Middlesex Community Coll., Middletown, Conn.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 72

The primary objective of this project is to lessen the manpower shortage in medical services. Secondary objectives are the (1) enlistment of the cooperation of medical personnel; (2) analysis, with the cooperation of medical personnel, of the medical functions by degree of sophistication; (3) identification of the intellectual elements of those elements of lesser sophistication; and (4) development of an academic and practical program for trainees in the less sophisticated functions.

SB000698 **VTP-633**

A Comprehensive Study of the Educational Programs for X-Ray Technologists in Connecticut.
Project Director: Eichner, John
Organization: Middlesex Community Coll., Middletown, Conn.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 72.

The aims of this project are to (1) complete a comprehensive study of the educational facilities for x-ray technologists in the state which may later be used in determining affiliation agreements and policy decisions; (2) devise a "model contract" for future agreements between educational institutions and hospitals in x-ray technology; (3) determine minority group representation and methods for recruitment in the field; and (4) determine future employment opportunities for individuals formally trained in x-ray technology.

SB000699

A Demonstration Program to Train 12-15 High School EMR Students in Key Punch Operation Using Individual Instruction.
Project Director: Tiven, Laurence B.
Organization: Meriden Public Schools, Conn.
Funding Period: Start Date 1 Mar 72; End Date 16 Jun 72

This pilot program proposes to train, on an individualized basis, twelve to fifteen high school EMR work-study students in the operation of the key punch machine to a level of proficiency that is suitable for job placement: 5000 numeric strokes per hour and 3500 alpha strokes per hour with less than two percent error. The key punch instructor will work with small groups on a rotating basis for short periods within the two-hour time block allotted for working with business machines.

SB000700 **VTP-632**

Longitudinal Survey and Study of Meriden's High School Graduates 1967 Through 1971; Fall of Each Year.
Project Director: Tiven, Laurence B.
Organization: Meriden Board of Education, Conn.
Funding Period: Start Date 1 Feb 72; End Date 21 Jun 72

The goals of this follow-up study are to determine what graduates are now doing, determine whether education/training at the secondary level provided them with necessary skills, and correlate the secondary schooling to their present position. A survey form will be mailed to the 2870 graduates.

SB000701

Shoreline Career Education Survey.
Project Director: Robinson, Francis D.

Organization: Project LEARN, Madison, Conn.
Funding Period: Start Date 1 Feb 72; End Date 15 Jun 72

This project will undertake a needs assessment study of the Shoreline career education program. Specific objectives include obtaining high school students' attitudes, concerns, interests, and expectations about high school and their own futures; parents' opinions on their children's occupational choices, the role of the high school, and factors affecting duration of employment; teachers' attitudes and opinions toward occupational career training programs; and industrial-business community's attitudes, opinions and willingness to participate in expanded work study programs.

SB000702 **VTP-629**

Vocational Needs Assessment.
Project Director: Levine, Sheldon A.
Organization: Windsor High School, Conn.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 72

This project seeks to ascertain the vocational interests and needs of students in Windsor High School; determine the programs and resources that need to be developed and utilized within the school to meet these needs; and determine the organizational procedures, practices, or structures that need to be modified or adapted to accommodate these needs.

SB000703 **VTP-628**

Innovative Vocational Education.
Project Director: Couchon, Philip C.
Organization: Granby Memorial High School, Conn.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 72

This project seeks to conduct a formal examination of the existing vocational education programs in several public secondary schools. Populations, programs, and transportation patterns, will be identified by questionnaires and examination of school records. An advisory committee will be consulted, and a final report will be prepared.

SB000704 **VTP-627**

Research and Curriculum Development for an Exploratory Work Experience Program–10th Grade.
Project Director: Wilchynski, Leon
Organization: Bloomfield Board of Education, Conn.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 72

The aims of this project are to acquaint students with the world of work and vocational areas, information about jobs, and the changes taking place in the world of work, and to assist students in developing a self-concept. An exploratory work experience program will be implemented, in which students will select their area of interest and visit the job station two or three times per week.

SB000705 **VTP-626**

The Development of an Alternate Learning Experience for Students.
Project Director: Carroll, Thomas
Organization: Rocky Hill Public School District, Conn.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 72

The objectives of this project are to develop an alternative to the regular school program and provide a program by which an individual can prepare to handle adult life. Models of programs which are being developed and conducted throughout the country will be investigated, and methods of identification, diagnosis, prescription, implementation, and evaluation will be developed. Resources, specifications, curriculum, administration, budget, and funding will also be developed.

SB000706 **VTP-625**

Curriculum Evaluation Study.
Project Director: Hermann, Thomas
Organization: Wolcott High School, Conn.
Funding Period: Start Date 1 Feb 71; End Date 30 Jun 72

The purpose of this project is to develop a three-year curriculum for distributive education providing high school students the opportunity to make a decision for careers in management, marketing, and merchandising. The business community and the student body will be surveyed. A curriculum which will best serve the students and the community will then be developed.

SB000707 **VTP-624**

Research and Development Project for the Establishment of Career Education: K-12.
Project Director: Dellicola, Barbara A.
Organization: Connecticut Regional School District 13, Durham.
Funding Period: Start Date 1 Feb 72; End Date 1 Jun 72

This project was developed to initiate research into the formulation of a career education program which would meet the needs of the students and community. The project will study and research techniques for the identification of the occupational aptitudes and interests of students and the development of career education programs. An advisory committee will survey the needs of the community and students and orient the community with the needs of the students.

SB000708 **VTP-622**

Construction for Vocational Followup Survey Instrument for Community Colleges.
Project Director: Burton, John R.
Organization: Manchester Community Coll., Conn.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 72

This project aims to produce a follow-up survey instrument that will gather a response from a sample of the groups involved, reveal information to determine if the vocational education is adequate for entrance and/or success in a specific occupation, and solicit information in a quantitative form. A survey instrument will be constructed, pilot tested, refined, and then sent to graduates.

SB000709

Developing Goals for Partially Sighted.
Project Director: Clancy, Richard E.
Organization: Hartford Board of Education, Conn.
Funding Period: Start Date 1 Mar 72; End Date 30 Jun 72

The purpose of the program is to expose blind high school students to the world of work and to people, both sighted and blind, at work. The project will enable students to list five basic areas of employment and two or three sub-areas; compose personal narratives on types of work in the area, their future vocational plans, and types of jobs that blind people can hold; and be motivated toward obtaining jobs.

SB000710 **VTP-623**

Survey of Needs for Services to the Elderly.
Project Director: Tatro, James
Organization: Manchester Community Coll., Conn.
Funding Period: Start Date 1 Feb 72; End Date 31 May 72

Based on the recognition of a rapidly increasing population of people over age 65 and their needs, the project plans to survey the occupational positions servicing the aged. A questionnaire will be sent to professional and voluntary agencies and residential facilities to determine the occupations serving and the services available to the aged. The outcome will be to evaluate the staffing needs in the area of service to the elderly and to offer a geriatrics course.

SB000711

An Experimental PreVocational Training Program for Autistic and Brain-Damaged Children.
Project Director: Freschi, David F.
Organization: Benhaven, New Haven, Conn.

The purposes of this project are to assess the value of this technique in working with special needs children at this level, evaluate each child's potential for acquiring necessary skills for success in the world of work, and assess each child's progress in instruction through pre- and post-research design. A prevocational training program will be instituted, and individualized materials will be prepared to develop any potential the child might have.

SB000712

Development of Trade Competency Exams for Industrial Electronics, Automobile Mechanics, Machine Tool and Die, and Machine Drafting.
Project Director: Ross, Raymond
Organization: Central Connecticut State Coll., New Britain.
Funding Period: Start Date 1 Jul 71; End Date 07 Aug 71

The purpose of this study is to develop cognitive and performance examinations for the specific trade areas of industrial electronics, automobile mechanics, machine tool and die, and machine drafting.

Specifically, the objectives are to define the cognitive and performance phase parameters for each of the specified trades, develop cognitive tests which can be analyzed and scored with a computer, and develop a performance test for each specified trade using measurable behavioral objectives.

Fiscal Year 1972

SB000713 VTP-791

An Experimental Prevocational Training Program for Autistic and Brain-Damaged Children.
Project Director: Freschi, David F.
Organization: Benhaven, New Haven, Conn.

The purposes of this project are to assess the value of this technique in working with special needs children at this level, evaluate each child's potential for acquiring necessary skills for success in the world of work, and assess each child's progress in instruction through pre- and post-research design. A prevocational training program will be instituted, and individualized materials will be prepared to develop any potential the child might have.

SB000714

Development and Validation of Occupational Competency Examinations for Trade and Industrial Instructors.
Project Director: Ross, Raymond
Organization: Central Connecticut State Col., New Britain.

The purpose of this study is to develop cognitive and performance examinations for the specific trade areas of industrial electronics, automobile mechanics, machine tool and die, and machine drafting. Specifically, the objectives are to define the cognitive and performance phase parameters for each of the specified trades, develop cognitive tests which can be analyzed and scored with a computer, and develop a performance test for each specified trade using measurable behavioral objectives.

SB000715 VTP-618

An Exploratory Study of the Characteristics of Students Who Seek Admission to and Who Enroll in Connecticut Regional Vocational-Technical Schools.
Organization: Connecticut Univ., Storrs. School of Education.

The goals of this study are to identify the data which most effectively identify the changing needs of students and to determine how the data can be used. The study will consist of data collection, management, and treatment in each school, and the development of a model regarding the kind of data needed and the procedures for obtaining that data.

Fiscal Year 1973

SB000716

Articulation of Educational Program for Nursing-Related Health Occupations.
Project Director: Markowitz, Selma Lee
Organization: Connecticut Inst. for Health Manpower Resources, Hartford.
Funding Period: Start Date 8 Jan 73; End Date 8 May 73

The objectives of this project include preparing a plan for articulating educational programs for nursing-related health occupations including nursing assistant, practical nurse, and associate degree nursing programs, and developing cooperation among agencies and components of the state's public educational system concerned with the approval and operation of the involved programs.

SB000717

Development of Occupational Competency Examinations.
Project Director: Ross, Raymond
Organization: Central Connecticut State Coll., New Britain.
Funding Period: Start Date 3 Jul 72; End Date 30 Jun 73

The purposes of the project are to develop written and performance examinations for carpenter, electrician, and cook/chef and to administer the written examinations to a selected sample of tradesmen for validation. Project staff will (1) define the cognitive and performance phase parameters for each of the specified trades, (2) develop objective written examinations, (3) develop performance examinations, and (4) administer the examinations for field trial.

SB000718

An Experimental Prevocational Training Program for Autistic and Brain-Damaged Children.
Project Director: Freschi, David F.
Organization: Benhaven, New Haven, Conn.

The purposes of this project are to assess the value of this technique in working with special needs children at this level, evaluate each child's potential for acquiring necessary skills for success in the world of work, and assess each child's progress in instruction through pre- and post-research design. A prevocational training program will be instituted, and individualized materials will be prepared to develop any potential the child might have.

Fiscal Year 1974

SB000719 VTP-1148

A Survey of Community Resources and Employment Opportunities Having Implications for Programs of Vocational Agriculture in Connecticut: Phase I.
Project Director: Mannebach, Alfred J.
Organization: Connecticut Univ., Storrs.
Funding Period: Start Date 1 Nov 73; End Date 30 Jun 74

In Phase I of this two-phase project, a review of literature on employment opportunities will be conducted; a population and sample of farms and non-farm agricultural firms will be identified; a survey instrument to collect data will be developed; teachers of vocational agriculture will be trained in interviewing and survey research skills; and data collection by interview will be initiated.

SB000720 VTP-1289

Client-Need Analysis to Determine the Need for Vocational Services for Handicapped School-Age Persons in the Greater New Haven Area.
Project Director: Heaney, B. Walsh
Organization: Area Cooperative Educational Services, New Haven, Conn.
Funding Period: Start Date 1 Jan 74; End Date 30 Jun 74

The objectives of this project are to provide data to persons who make decisions concerning vocational training of the handicapped, identify the specific training service needs of the handicapped, measure the extent to which identified needs are met or unmet, provide an analysis of the information, and make specific recommendations for program implementation. The decision makers, clients, and programs will be identified, and a sampling plan will be developed.

SB000721

Research Study on Planning for Connecticut Regional Vocational-Technical Schools.
Organization: University Research Inst. of Connecticut, Inc., Wallingford.

This project intends to provide an independently derived methodology and computer program to allow for the development of a comprehensive plan for the Connecticut regional vocational technical school system. Specific goals will include developing and implementing a methodology for assessment of need for regional vocational and technical schools and illustrating this methodology with separate research reports on needs in West Haven, East Hampton, and the Thomaston-Plymouth-Bristol area.

Fiscal Year 1975

SB000722 VTP-1606

Evaluation of the Reading Program, General Education Component of the Connecticut Vocational/Technical Schools.
Project Director: Lindia, Albert
Organization: Central Connecticut State Coll., New Britain.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

The objective of this project is to evaluate the effectiveness of the vocational and technical remedial reading program upon a selected group of students from each of the regional schools, using a pre/post-test design. The population to be studied will be stratified according to the results, and feedback information will be generated from the data collected and reported for each student.

SB000723 VTP-1879

Preparation of a Vocational Career Guide for Connecticut.
Project Director: Spear, Norman H.
Organization: Research Inst. of Connecticut, Inc., Wallingford.
Funding Period: Start Date 1 Jan 75; End Date 31 Jul 75

The purpose of this project is to prepare and publish an updated Vocational Career Guide which will provide current data and information on vocational schools and their programs as a directory. The procedure is to develop a comprehensive list of schools engaged in vocational education instruction designed to qualify individuals for positions which require special training.

SB000724 VTP-1994

A Survey of Community Resources and Employment Opportunities Having Implications for Programs of Vocational Agriculture in Connecticut: Phase II.
Project Director: Mannebach, Alfred J.
Organization: Connecticut Univ., Storrs.
Funding Period: Start Date 1 Jul 74; End Date 31 Jan 75

The objective of the project is to implement data collection procedures developed in Phase I. Teachers of vocational agriculture will conduct personal interviews with farmers and non-farm firm operators, compute and analyze data, and write necessary reports.

SB000725 VTP-2065

Study to Assess The Increased Utilization of Connecticut Vocational-Technical School Facilities to Serve More Individuals of High School Age.
Project Director: Nielsen, Robert A.
Organization: Peat, Marwick, Mitchell and Co., Hartford, Conn.
Funding Period: Start Date 1 Apr 75; End Date 31 Dec 75

The objectives of the project are to study increased use of vocational and technical schools to serve more individuals of high school age, compare and contrast feasible alternatives, and recommend viable approaches for increasing facility use and for serving more individuals. The project design is to identify and assess varied alternatives for increasing utilization of vocational and technical school facilities.

Fiscal Year 1976

SB000726 VTP-2258

Master Plan for Vocational and Career Education for the State of Connecticut.
Project Director: Belisle, Eugene L.
Organization: Capitol Region Education Council, Windsor, Conn.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The goal of this project is to assist the State Board of Education in the development and preparation of a master plan for vocational and career education. Objectives of the master plan include setting goals for vocational and career education and examining each vocational school and the existing programs. An outline of information needs has been developed, and resources have been requested. Information will be gathered and analyzed to develop conclusions necessary to implement a master plan.

SB000727 VTP-2256

Evaluation of the Reading Program, General Education Component of the Connecticut Vocational-Technical Schools (Continuation).
Project Director: Lindia, Albert
Organization: Central Connecticut State Coll., New Britain.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

The goal of this project is to evaluate the effectiveness of the vocational and technical school's remedial reading program upon a selected group of students and to provide base data for both program and classroom use. A pre- and posttest design will be used to determine the effectiveness of the reading program. Feedback data from the information collected and reported will provide the base of decisions regarding further participation in the program on an individual basis.

Fiscal Year 1977

SB000728

A Study to Determine the Need for Bilingual Vocational Education in Connecticut.
Project Director: Masley, Philip T.
Organization: Central Connecticut State Coll., New Britain.
Funding Period: Start Date 03 Jan 77; End Date 30 Sep 77

The objectives of this needs assessment include (1) reviewing existing reports and studies concerning the educational needs of non-English-speaking youth in Connecticut, (2) classifying the needs of those youth into broad categories, (3) forming a project advisory board, and (4) designing and administering an instrument to measure the vocational interests and needs of eighth and ninth grade Spanish-dominant students and their parents.

SB000729

Five and Ten Year Follow-Up of Health Occupations.
Project Director: Nassif, Paula
Organization: National Evaluation Systems, Inc., Amherst, Mass.
Funding Period: Start Date 1 Jan 77; End Date 30 Sep 77

The primary objective of the project is to determine the appropriateness of Connecticut's health occupations education programs in vocational and technical schools, high schools, and other post-secondary programs. Specific objectives will include determining the employment experience and education of health occupations graduates, soliciting from graduates retrospective opinions of their vocational training, and estimating the relationship of required employment competencies to vocational training.

SB000730

Educational Looping or Why Do Four-Year College Graduates Return to Community Colleges for Vocational Training?
Project Director: Swartz, Carl
Organization: Mohegan Community Coll., Norwich, Conn.
Funding Period: Start Date 07 Jan 77; End Date 1 Jun 77

This needs assessment seeks to (1) determine the extent of the need for vocational education for college graduates, (2) determine the kinds of vocational course work the returning graduates desire, (3) investigate the reasons for college graduates' returning to a college vocational program, and (4) make recommendations on the advisability of definite vocational curriculum. Staff will send a questionnaire to identified college graduates.

SB000731

A Pilot Program in Distributive Education for Adult Education.
Project Director: Viens, Daniel F.
Organization: Bristol Board of Education, Conn.
Funding Period: Start Date 1 Jan 77; End Date 31 May 77

This project aims to provide unemployed and underemployed Bristol adults with basic job entry level skills in sales, cashiering, human relations, and merchandising math and with techniques for securing employment. Program participants will attend three, forty-five minute classes one night per week for sixteen weeks, hear local guest speakers, and experience a career night exploration.

SB000732

Curriculum Development and Instructor Training for Marine Mechanics.
Project Director: Parker, Forrest E.
Organization: Norwalk Board of Education, Conn.
Funding Period: Start Date 03 Jan 77; End Date 30 Jun 77

Project objectives are to ascertain the type of training needed to develop trained marine mechanics. Procedures will include instituting a computer search through Area Cooperative Education Services for documentation of marine repair and maintenance work and piloting the curriculum through inservice training sessions with industrial arts, vocational, and CETA mechanical staffs.

SB000733

An Evaluation for Decision Making Purposes of the Business Education Program at Newington High School Through a Survey of Graduates, Employers, Teachers, Parents, and the Community.
Project Director: Schmitt, Norman J.

Organization: Newington Public Schools, Conn.
Funding Period: Start Date 1 Jan 77; End Date 30 Jun 77

The project will assess the effectiveness of the business education program in preparing students for job entry and/or further study. Project staff will (1) identify decision makers for the business education program, (2) establish evaluation priorities, (3) identify program decisions to be served by each of the evaluation priorities, (4) select and construct data-gathering techniques, and (5) make program decisions based upon data gathered.

SB000734

Survey of Environmental Technician Employment Needs in Solid Waste Occupations.
Project Director: Satyakam, Sen
Organization: Northwestern Connecticut Community Coll., Winsted.
Funding Period: Start Date 10 Jan 77; End Date 24 Jun 77

The project aims to make an accurate estimate of the present employment opportunities, potentialities, and future job projections in the public sector and in private industry's occupational profiles at the technician level. The project will also determine job opening areas in the emerging field to provide data for long-range planning. Field investigation and traditional survey techniques will be applied for data collection.

SB000735

Identification of Factors that Predict Failure/Success of Students in an Associate Degree Nursing Program and on State Board Examinations.
Project Director: Bello, Ann
Organization: Norwalk Community Coll., Conn.
Funding Period: Start Date 3 Jan 77; End Date 30 Jun 77

The objectives of the project are to identify the factors from pre-program data that will predict success/failure on nursing state board examinations; determine whether National League for Nursing achievement tests, college science grades, and nursing grades provide valid and predictive information on students' ability to pass state board examinations; and determine whether science grades correlate with nursing grades and are predictive of success in the program.

SB000736

Curriculum Development for Nuclear Medicine Technology.
Project Director: Buatti, Albert
Organization: Middlesex Community Coll., Middletown, Conn.
Funding Period: Start Date 14 Jan 77; End Date 30 Jun 77

The goals of this project are to develop the curriculum and procedures for the clinical phase of training for nuclear medicine technologists and develop a procedure for operating a medical radiation technology core program which will encompass a cluster of five related diagnostic and therapeutic technologies: radiologic, nuclear medicine, ultrasound, radiotherapy, and biomedical.

SB000737

A Pilot Vocational Education Program: Industrial Supervision Training in Northeast Connecticut.
Project Director: Aleman, Frank
Organization: Quinebaug Valley Community Coll., Conn.
Funding Period: Start Date 3 Jan 77; End Date 30 Jun 77

The project seeks to document, design, and implement a college level vocational education program, thereby developing a more highly skilled labor force which will have greater earnings potential and encourage industry to locate in the region and promoting the acceptance of minorities and women as supervisors. Staff will conduct a literature and catalog search, survey industry and commerce, survey minorities and women, and design the curriculum.

SB000738

An Analysis of Graduates' Occupational Patterns as an Aid to Local Planning for Vocational and Career Education.
Project Director: Salas, John C.
Organization: Hamden Public Schools, Conn.
Funding Period: Start Date 3 Jan 77; End Date 30 Jun 77

The objectives of the project are to conduct a longitudinal examination of graduate occupational patterns at three, six, and nine-year intervals; assess the extent to which occupational preparation programs and graduates' occupational patterns are related; and incorporate the results of this assessment into an implementation plan for Hamden vocational and career education. Staff will collect data from high school transcripts and send a locally developed questionnaire to graduates to obtain information including occupational status, job stability, and vocational training.

SB000739

PROJECT EXPLORE.
Project Director: Nelson, Donald V.
Organization: Norwich Regional Vocational-Technical School, Conn.
Funding Period: Start Date 3 Jan 77; End Date 30 Jun 77

This project intends to develop instructional materials which will assist in broadening the outlook of students as they explore career opportunities in various trade and technical areas. Staff will develop media programs in conjunction with business and industry which will bring onsite trade activity into the classroom. Attitude surveys will measure the effect of these programs on career choices.

Part D

Fiscal Year 1970

SB000740

Computer Programming for the Disadvantaged.
Project Director: Mount, Joseph F.
Organization: Norwalk Community Coll., Conn.

This program development project will prepare disadvantaged youth to become computer programmers. The sixteen-week instructional program will consist of two two-hour sessions per week and will use a computer terminal connection to provide hands-on experience. A.P.L. computer language will be taught. The project will provide counseling and job placement, and students will enroll in a pre-employment orientation program.

SB000741

Community-Career Orientation Program Grades 3-8 Public and Non-Profit Private Schools.
Project Director: Addazio, Louis C.
Organization: New Britain Public Schools, Conn.

The Community-Career Orientation Program (CCOP) is an extension of the School-Community Resource Education Program (SCREP) which is aimed at helping pupils understand the community, identify its problems, explore solutions, and contribute to the improvement of community life. CCOP will provide students with opportunities to develop career awareness, good work attitudes, occupational awareness, and career- and decision-making skills and will provide exploratory experiences.

SB000742

YIPPEE - Youth in and/or Prison Preparing Eagerly to Earn.
Project Director: Shia, Edward G.
Organization: H. C. Wilcox Regional Vocational-Techical School, Meriden, Conn.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The objectives of this project are to demonstrate the effects of intensified counseling, combined with vocational guidance, occupational training, and job development for youthful offenders confined at the Cheshire Reformatory; reduce the high recidivism rate in correctional institutions by facilitating the adjustment to the community through job preparation; and provide youthful offenders with training in automotive, drafting, machine shop, offset printing and sheet metal work.

Fiscal Year 1971

SB000743

YIPPEE - Youth in and/or Prison Preparing Eagerly to Earn.
Project Director: Shia, Edward G.
Organization: H. C. Wilcox Regional Vocational-Techical School, Meriden, Conn.

Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The objectives of this project are to demonstrate the effects of intensified counseling, combined with vocational guidance, occupational training, and job development for youthful offenders confined at the Cheshire Reformatory; reduce the high recidivism rate in correctional institutions by facilitating the adjustment to the community through job preparation; and provide youthful offenders with training in automotive, drafting, machine shop, offset printing and sheet metal work.

SB000744

Expansion of an Exemplary Pilot Program to Explore the World of Work in the Elementary School.
Organization: West Hartford Board of Education, Conn.

This career awareness and exploration program aims to make students increasingly knowledgeable of the world of work, facilitate the emergence of the students' self-concepts as they perceive themselves in relation to the work world, and produce a developmental vocational curriculum based on career exploration.

SB000745

The Waterbury Exploratory Pre-Vocational Education Program for 7th and 8th Grade Students in Model Cities Area.
Project Director: Wallace, Michael F.
Organization: Waterbury Board of Education, Conn.

In expanding the occupational aspirations of disadvantaged seventh and eight grade pupils and increasing their career awareness, this model program intends to (1) introduce appropriate curriculum with an emphasis on vocational areas, (2) develop an individualized prevocational planning program, (3) seek curricular and co-curricular programs and procedures which could be models for general populations, (4) attempt to upgrade youth employment, and (5) attempt to reduce the dropout rate.

SB000746

Career Assessment Program.
Project Director: Silvestri, Alphonse R.
Organization: Stamford Public Schools, Conn.
Funding Period: Start Date 1 Sep 70; End Date 30 Jun 71

This project will cluster occupational areas to (1) provide opportunities for students to explore and assess a wide range of occupational groups to increase career awareness and develop work attitudes; (2) increase self-understanding of abilities and aspirations; (3) help students with school adjustment, basic skills, and motivation to continue their education; and (4) increase the scope of high school curricula and resources and increase the joint planning and joint participation of school and community in education.

Fiscal Year 1972

SB000747

Expansion of an Exemplary Pilot Program to Explore the World of Work in the Elementary School.
Organization: West Hartford Board of Education, Conn.

This career awareness and exploration program aims to make students increasingly knowledgeable of the world of work, facilitate the emergence of the students' self-concepts as they perceive themselves in relation to the work world, and produce a developmental vocational curriculum based on career exploration.

SB000748

The Waterbury Exploratory Pre-Vocational Education Program for 7th and 8th Grade Students in Model Cities Area.
Project Director: Wallace, Michael F.
Organization: Waterbury Board of Education, Conn.

In expanding the occupational aspirations of disadvantaged seventh and eighth grade pupils and increasing their career awareness, this model program intends to (1) introduce appropriate curriculum with an emphasis on vocational areas, (2) develop an individualized prevocational planning program, (3) seek curricular and co-curricular programs and procedures which could be models for general populations, (4) attempt to upgrade youth employment, and (5) attempt to reduce the dropout rate.

SB000749

Career Assessment Program.
Project Director: Silvestri, Alphonse R.
Organization: Stamford Public Schools, Conn.

This project will cluster occupational areas to (1) provide opportunities for students to explore and assess a wide range of occupational groups to increase career awareness and develop work attitudes; (2) increase self-understanding of abilities and aspirations; (3) help students with school adjustment, basic skills, and motivation to continue their education; and (4) increase the scope of high school curricula and resources and increase the joint planning and joint participation of school and community in education.

SB000750

World of Work, Vocational Self-Concept and Career Planning (Grades 7-8).
Organization: Hartford Board of Education, Conn.

This project intends to develop and implement a career awareness program for the Thomas Quirk and Lewis Fox Middle Schools that will (1) introduce middle school students to the relationship between school and the world of work (2) develop opportunities for students to investigate jobs, (3) develop curriculum information and material, (4) develop cooperation between schools and industry, and (5) help students develop and translate vocational self-concepts in terms of occupational opportunities.

Fiscal Year 1973

SB000751

Cooperative Distributive Education for Disadvantaged Youth (Project 70,001).
Project Director: Grant, Ellsworth
Organization: Hartford Board of Education, Conn.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The project will provide employment (training stations) for students who have left school and will develop plans of training and education for program participants. Project staff will establish training stations; recruit and train counselors, teachers, and coordinators; and effect initial placement and training. Students will have an on-the-job supervisor and classroom experience in distributive education and math.

SB000752

World of Work, Vocational Self-Concept and Career Planning.
Project Director: Quinn, Charles J.
Organization: Hartford Public Schools, Conn.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The purpose of this program is to give seventh and eighth grade students, especially the disadvantaged, opportunities to view available career options and to change attitudes, upgrade values, and improve self-concepts regarding the world of work. Project staff will develop experiences and activities in counseling procedures and in several classroom units including distribution, manufacturing, office, health service, and general service occupations.

SB000753

Career Education Program - Troup Middle School.
Project Director: Gagliardi, Vincent M.
Organization: New Haven Board of Education, Conn.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project which involves 100 seventh grade students, proposes to (1) develop self-awareness and career awareness; (2) provide exposure to actual work and hands-on experience; (3) develop realistic self-appraisal by students in terms of careers; (4) encourage and develop decision-making ability; (5) establish career education awareness in staff through workshops, consultant services, and follow-up information; and (6) establish career education awareness in parents and community residents.

Fiscal Year 1974

SB000754

World of Work, Vocational Self-Concept and Career Planning.
Project Director: Quinn, Charles J.
Organization: Hartford Public Schools, Conn.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The purpose of this program is to give seventh and eighth grade students, especially the disadvantaged, opportunities to view available career options and to change attitudes, upgrade values, and improve self-concepts regarding the world of work. Project staff will develop experiences and activities in counseling procedures and in several classroom units including distribution, manufacturing, office, health service, and general service occupations.

SB000755

An Exemplary Program Establishing Cooperative Distributive Education for Disadvantaged Youth.
Project Director: Grant, Ellsworth
Organization: Hartford Board of Education, Conn.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project is designed to provide employment for students who have left school and to develop a relevant plan of training and education for each individual participating in the program. The project director will contact local employers to establish training stations. The director will recruit and train counselors, teachers and coordinators and effect initial placement and training. Training will be supplemented by classes in distributive education and math.

SB000756

The Urban League Job Career Exploratory and Placement Program - Hartford.
Organization: Urban League of Greater Hartford, Conn.

The purpose of this project is to develop a career guidance component to be offered in conjunction with the League's on-the-job training activities. Objectives include providing disadvantaged youth and adults a program of career guidance and entry employment, offering more effective placement to the underemployed, informing disadvantaged persons of career opportunities, and assisting disadvantaged persons in determining careers.

SB000757

Alternative School - Operation "Open Door."
Project Director: Schuster, Raymond
Organization: Waterbury Board of Education, Conn.
Funding Period: Start Date 5 Sep 73; End Date 27 Jun 74

A career exploration project for those students who have difficulties functioning in the standard school situation, "Open Door" seeks to provide a curriculum of studies, career exploration, and guidance which will help students better understand themselves in relation to the community and the world of work. It will reduce the chances of delinquency and provide an alternate solution for serving dropouts and non-school oriented youths.

SB000758

Development and Operation of a Career Education Center.
Project Director: Nelson, Randolph J.
Organization: Bridgeport Univ., Conn.
Funding Period: Start Date 15 Jul 73; End Date 30 Jun 74

The career education center will provide a resource area for career education materials and assistance to educators. Other objectives of the center include (1) providing a model career resource situation for those who work in career education programs; (2) providing inservice education through seminars, colloquia, and institutes; (3) evaluating existing and new materials; and (4) developing audiovisual programs of careers.

SB000759

Career Education Program - Troup Middle School.
Project Director: Gagliardi, Vincent M.
Organization: New Haven Board of Education, Conn.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project which will involve 100 seventh grade students, proposes to (1) develop self-awareness and career awareness; (2) provide exposure to actual work and hands-on experience; (3) develop realistic self-appraisal by students in terms of careers; (4) encourage and develop decision-making ability; (5) establish career education awareness in staff through workshops, consultant services, and follow-up information; and (6) establish career education awareness in parents and community residents.

SB000760

A Proposal for Career Education in the Norwalk Public Schools.
Project Director: Parker, Forrest E.
Organization: Norwalk Public Schools, Conn.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

Objectives for this project are to (1) increase the career awareness and work acceptance of elementary teachers, (2) provide career orientation and meaningful exploratory experiences for upper elementary and middle school students, (3) prepare high school students with saleable job skills, and (4) assist high school students in job entry. The program will be based on the results of an eighteen-month research project.

Fiscal Year 1975

SB000761 VTP-1508

Alternative Program Grades 7-9.
Project Director: Schuster, Raymond
Organization: Waterbury Board of Education, Conn.
Funding Period: Start Date 4 Sep 74; End Date 26 Jun 75

The objectives of this project are to develop an alternate education program for students whose behavioral attitude in school indicates a dropout potential, provide an alternate method for meeting the needs of students who are not succeeding in the standard school environment, and provide participants with relevant curriculum to meet their individual desires and life goals. The program will operate outside the regular school environment, and school credits will be awarded.

SB000762 VTP-1509

Career Education Program - Troup Middle School.
Project Director: Gagliardi, Vincent M.
Organization: New Haven Board of Education, Conn.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to continue to develop self-awareness and decision-making skills and to provide information about the world of work and hands-on experiences. Inservice workshops, consultant services, and updated career information will provide these skills to the total school staff. Self-awareness and assessment will be an ongoing process in group guidance and group counseling. Resource people will be utilized to enrich the "in-school" aspect of the program.

SB000763 VTP-1510

Career Education in the Norwalk Public Schools.
Project Director: Parker, Forrest
Organization: Norwalk Board of Education, Conn.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This program is designed to help all students have the desire to work, acquire the skills necessary for work, and engage in work that is satisfying to them and beneficial to society. This program will provide students with hands-on activities reinforced by self-discovery techniques, job preparation in a variety of occupations, and an opportunity for disadvantaged youth to participate in the program.

SB000764 VTP-1733

Job Career Exploratory and Placement Program.
Project Director: McGarrah, William C.
Organization: Urban League of Greater Hartford, Inc., Conn.
Funding Period: Start Date 1 Aug 74; End Date 30 Jun 75

This program is designed to provide disadvantaged youth and adults with an accelerated basic program of career guidance and entry employment. Procedures will include recruitment of agencies, coordination with other programs, a business orientation for the 100 to 200 candidates, and follow-up services. Provisions will be made for planning, developing, and operating the program.

SB000765 VTP-1732

An Exemplary Program Establishing Cooperative Distributive Education for Disadvantaged Youth.
Project Director: LeConche, John J.
Organization: Hartford Board of Education, Conn.
Funding Period: Start Date 1 Oct 74; End Date 30 Jun 75

This project is designed to provide employment for students who have left school and to develop a relevant plan of training and education for each individual participating in the program. The project director will contact local employers to establish training stations. The director will recruit and train counselors, teachers and coordinators and effect initial placement and training. Training will be supplemented by classes in distributive education and math.

Fiscal Year 1976

SB000766 VTP-2252

An Alternative Program in Distributive Education Utilizing the Diversified Resources of a Large Shopping Complex.
Project Director: Crissey, Charles L.
Organization: Windsor Locks School District, Conn.
Funding Period: Start Date 1 Nov 75; End Date 30 Jun 76

This program will demonstrate that education can provide training for future employees of shopping malls. Objectives are to provide training for initial employment in distributive occupations, training for upgrading present employees of participating stores, and training for adults presently outside the field of distribution. High school seniors will receive classroom training in the mall plus on-the-job experience in the mall stores.

SB000767 VTP-2257

Implementation of the East Shore Career Education Center.
Project Director: Sandagata, Robert
Organization: Area Cooperative Educational Services, New Haven, Conn.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

This project will implement a continuous career education program in grades K-12 for the communities of Branford, Guilford, East Haven, and North Branford. The objectives include developing and sharing a centralized resource center; identifying funding, and monitoring new programs; coordinating career guidance activities; and providing work-skills exploratory experiences. Parents, students, and teachers will be among those involved in cooperative planning and implementation of the activities.

SB000768 VTP-2255

Childhood and Parenthood - Competency Education.
Project Director: Carta, Elizabeth
Organization: Norwalk High School, Conn.
Funding Period: Start Date 15 Oct 75; End Date 30 Jun 76

This program will provide classroom instruction and field site and child development laboratory experiences to students. The program will allow students to better understand child growth and development and teach students techniques for observing and analyzing child behavior, designs for creative child activities, and ways of effectively communicating with young children. Students will state their attitudes and perceptions of family communications, identify communications problems within their own families, and solve these problems through role playing techniques.

SB000769 VTP-2259

Preparation of Prospective Teachers for Career/Vocational Education.
Project Director: Benedict, Paul
Organization: Eastern Connecticut State Coll., Willimantic.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

The objective of this project is to provide professional preparation for prospective teachers so that they can incorporate career/vocational education ideas and concepts as a viable part of their regular classroom programs. The students will take a series of courses constituting a minor in career/vocational education. The concentration will be on developing a knowledge of career/vocational education concepts, a hands-on experience taught by shop instructors, and a practicum in local industry or trade.

SB000770 VTP-2253

Career Education in the Norwalk Public Schools.
Project Director: Parker, Forrest E.
Organization: Norwalk Public Schools, Conn.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The purpose of this project is to delineate the activities and techniques which had the greatest success as part of the exemplary career education program and expand the programs to make a greater impact on the career development of secondary school youth. Objectives include increasing student awareness of careers, developing exploration activities for fifteen career clusters, developing student appreciation for the world of work, and enabling students to acquire entry-level employment skills.

SB000771 VTP-2254

Career Education Program - New Haven Middle School.
Project Director: Wexler, Isadore
Organization: New Haven Middle Schools, Conn.
Funding Period: Start Date 1 Jul 75; End Date 31 Mar 76

This project will offer middle school students the opportunity to increase positive self-awareness and decision-making skills, extend their knowledge of the world of work, and explore work situations through hands-on experiences. Faculty and staff will be provided with career education information and training through inservice activities. Parents will also be provided with career information to assist them in improving their children's motivation. Career resource centers are also planned for various schools.

SB000772 VTP-2646

Dissemination of Exemplary Vocational Education Programs.
Project Director: Sandagata, Robert L.
Organization: Area Cooperative Educational Services, New Haven, Conn.
Funding Period: Start Date 1 Sep 76; End Date 30 Jun 77

This program is intended to provide the educational community with information about six exemplary projects for use in adoption or replication by other school systems. The program will seek to disseminate information about the projects, foster an exchange of ideas, and encourage the adoption of successful aspects of the projects. A brochure highlighting the six projects will be developed. A one-day conference will be planned, which will include proposal and final report writing, program evaluation, and exchange of information.

Fiscal Year 1977

SB000773 VTP-2738

Implementation of the East Shore Career Education Center.
Project Director: Sandagata, Robert L.
Organization: Area Cooperative Educational Services, New Haven, Conn.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will implement a continuous career education program in grades K-12 for the communities of Branford, Guilford, East Haven, and North Branford. Procedures include (1) developing a centralized resource center; (2) sharing facilities, equipment, programs, and staff; (3) identifying new cooperative career programs; and (4) providing work-skills laboratory experiences.

SB000774 VTP-2647

Preparation of Prospective Teachers for Career/Vocational Education.
Project Director: Benedict, Paul L.
Organization: Eastern Connecticut State Coll., Willimantic.
Funding Period: Start Date 15 Aug 76; End Date 30 Jun 77

The purpose of the project is to provide professional preservice preparation in career/vocational education for prospective teachers. The project will focus on preparing future teachers to relate career/vocational education to their classroom programs through shop exploratory experiences, internships in industry and trades, and opportunities to pursue individual interests in a variety of ways.

SB000775 VTP-2646

Dissemination of Exemplary Vocational Education Programs.
Project Director: Sandagata, Robert L.
Organization: Area Cooperative Educational Services, New Haven, Conn.
Funding Period: Start Date 1 Sep 76; End Date 30 Jun 77

The purpose of this project is to provide Connecticut's educational community with information about six exemplary projects sponsored by the Connecticut State Department of Education, Division of Vocational Education, for possible adoption or replication by other school systems. Specific objectives include providing opportunities for exemplary project managers and personnel to become acquainted with specific aspects of current exemplary projects and fostering an exchange of ideas and experiences related to each exemplary project among project managers and personnel.

SB000776 VTP-2648

A Regional Alternative Program in Distributive Education Utilizing the Diversified Resources of a Large Shopping Complex - Continuation.
Project Director: Crissey, Charles L.
Organization: Windsor Locks School District, Conn.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The goals of this project are to provide classroom and on-the-job training for initial employment in distributive occupations, training for upgrading present employees of participating stores, and training for adults presently outside the field of distribution. Students will receive training in a classroom in the mall plus on-the-job experience.

SB000777 VTP-2737

Childhood and Parenthood - Competency Education.
Project Director: Carta, Elizabeth
Organization: Norwalk Board of Education, Conn.
Funding Period: Start Date 7 Sep 76; End Date 30 Jun 77

Continuation of a Norwalk, Connecticut project in childhood and parent education is proposed. The program will continue to provide experiences which will enable young people to more effectively meet their responsibilities as parents. These experiences include classroom instruction, and field site and child development laboratory experiences. A management system, developed to help organize, influence, and control the program will provide continuing feedback concerning students, school staff, and community resources.

DELAWARE

Part C

Fiscal Year 1971

SB000778 **VTP-105**

Teaching Strategies for Careers English.
Project Director: Houpt, Gary L.
Organization: Delaware State Dept. of Public Instruction, Dover. Div. of Vocational Education.
Funding Period: Start Date 1 Apr 71; End Date 30 Jun 72

The objectives of this project are to construct and document teaching strategies in a career oriented program, examine instructional materials to be utilized in the course, and establish a bibliography of instructional materials. A summer workshop will be held to reach these objectives. A survey or search of available materials will be conducted prior to the workshop.

SB000779 **VTP-575**

Career Science and Mathematics Education.
Project Director: Reiher, John F.
Organization: Delaware State Dept. of Public Instruction, Dover.
Funding Period: Start Date 23 Aug 71; End Date 27 Aug 72

Guidelines will be developed to assist teachers in making the present programs meet the needs of students entering the job market directly from high school in the science and mathematics fields. The science and mathematics curriculum guide contains a description of the subject matter to be taught, and it is expected that the suggestions given will be used to develop a program.

SB000780

Unified Arts Occupational Education Program.
Organization: Delaware State Dept. of Public Instruction, Dover.
Funding Period: Start Date 24 May 71; End Date 24 May 72.

The purpose of this project is to sponsor a summer workshop program to provide an opportunity for administrators and teachers to study, discuss, plan, and develop Unified Arts Education Guidelines. A selected group of twenty-six administrators and teachers of home economics, art, and industrial arts will meet for four hours daily for five days to plan curriculum for those three areas.

SB000781

Improving Delaware's Vocational Education Information System.
Project Director: Koble, Daniel E., Jr.
Organization: Delaware State Dept. of Public Instruction, Dover. Div. of Career Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to develop the elements of an occupational and vocational evaluation system, e.g., instrumentation required for the collection of the information and the analytical procedures to be performed on the resulting data. This information system is intended to provide Delaware with a more effective management tool for planning, monitoring, and redirecting its occupational and vocational program efforts.

SB000782

Pilot Project on Extended Day Occupational Programs.
Project Director: Vernouly, Michael J.
Organization: Marshallton-McKean School District, Wilmington, Del.
Contract and/or Control No.: 90-576-R-71-5

The purpose of this project is to research the problems inherent in an extended school-day program to allow students to take selected clusters of occupational courses in the afternoon at DelCastle Vocational-Technical High School. These problems include transportation, student interest, staffing, and the operation of a program involving two school districts. Approximately 100 students who have expressed interest in the program have been identified to participate.

Fiscal Year 1972

SB000783

Pilot Project on Extended Day Occupational Programs.
Project Director: Vernouly, Michael J.
Organization: Marshallton-McKean School District, Wilmington, Del.
Funding Period: Start Date 31 Jan 72; End Date 30 Jun 72
Contract and/or Control No.: 90-576-R-72-1

The purpose of this project is to research the problems inherent in an extended school-day program to allow students to take selected clusters of occupational courses in the afternoon at DelCastle Vocational-Technical High School. These problems include transportation, student interest, staffing, and the operation of a program involving two school districts. Approximately 100 students who have expressed interest in the program have been identified to participate.

Fiscal Year 1973

SB000784

Performance Based, Self-Paced, Individualized Instructional System Packaging.
Project Director: Pfeifer, William C.
Organization: Kent County Vocational-Technical School District, Woodside, Del.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 90-576-1-73-3

The purpose of this project is to develop a curriculum packaging system which will assist students in learning occupational and vocational skills at a rate consistent with their respective abilities and allow instructors to devote more time to individuals who have difficulty in mastering a particular skill.

Fiscal Year 1974

SB000785

Development of a Model Delivery System for Comprehensive Exploratory Programs for Grades Five Through Nine.
Organization: Seaford School District, Del.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: R-73-2

The first year of this project will be devoted to developing a system for delivering a comprehensive exploratory program for grades 5-9. The second year of the project will be used to implement and evaluate the effectiveness of the delivery system.

SB000786

Career Education Demonstration Project.
Organization: Caesar Rodney School District, Camden-Wyoming, Del.

Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: R-74-1

Supplementarty funding for this project will enable its completion by providing for salaries and payment of fixed charges. The project emphasizes counseling and guidance in order to assist students in making sound program choices.

SB000787

Development of a Model Delivery System for Comprehensive Exploratory Program.
Organization: Seaford School District, Del.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: R-74-2

The first year of this project will be devoted to developing a system for delivering a comprehensive exploratory program for grades 5-9. This second year of the project will be used to implement and evaluate the effectiveness of the delivery system.

Fiscal Year 1975

SB000788 VTP-1734

Delmarva Career Education Project.
Project Director: Owen, Doyle I.
Organization: Seaford School District, Del.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The intent of the project is to insure that all students will have an offer of employment or acceptance to an institution of higher learning upon graduation; be aware of careers and encouraged to explore career areas of their choice; be aware of occupational information, labor potential, and the basics of job readiness through classroom experience; and be assisted in the planning of career choices.

SB000789 VTP-1735

Development of a Model Delivery System for Comprehensive Exploratory Program.
Project Director: Owen, Doyle I.
Organization: Seaford School District, Del.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

Project objectives include recognition by the student of the value of occupations as they relate to each other, provision of hands-on experiences in a variety of career options and use of basic hand tools, and construction of a time line and procedures for implementing the elements of the plan.

Fiscal Year 1976

SB000790

Career Exploration Grades 7-9 Inclusive.
Organization: Seaford School District, Del.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: R-76-1

Intended to increase student awareness of careers and provide experiences for career exploration, this continued project provides students with current, pertinent occupational information to assist them in career planning.

SB000791

About Face.
Project Director: Wilson, John
Organization: Marshallton-McKean School District, Wilmington, Del.

The objective of this project is to provide staffing, equipment, materials, and supplies for a hands-on career awareness and exploratory program of instruction for elementary students, including disadvantaged and handicapped. The program will be provided for thirty-one target students on a regularly scheduled basis throughout the school year.

Fiscal Year 1977

SB000792

Delmarva Career Education Program.
Organization: Seaford School District, Del.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: R-77-1

The purpose of this project is to assist the school districts of Cape Henlopen, Delmar, Indian River, Laurel, Sussex Vocational-Technical and Woodbridge with student job placement through the compilation of a labor market survey of the Delmarva Economic Region and through a coordinated program of employment information between the districts and the business and manufacturing region.

SB000793

About Face.
Project Director: Wilson, John
Organization: Marshallton-McKean School District, Wilmington, Del.

The objective of this project is to provide staffing, equipment, materials, and supplies for a hands-on career awareness and exploratory program of instruction for elementary students, including disadvantaged and handicapped. The program will be provided for thirty-one target students on a regularly scheduled basis throughout the school year.

Part D

Fiscal Year 1970

SB000794

Expansion of a World of Work Experience Program.
Project Director: Snyder, Robert E.
Organization: Newark School District, Del.
Funding Period: Start Date 1 May 70; End Date 1 May 71
Contract and/or Control No.: 90-576-D-70-1

This project intends to establish an exemplary program for the thirteen elementary schools for the purpose of broadening vocational outlook among students in grades 4-6. A specific effort will be made to emphasize the importance of completing a public school education so that students may look forward to taking an appropriate position in the world of work.

SB000795

Occupational Orientation.
Project Director: Higgins, Francis J.
Organization: Newark School District, Del.
Funding Period: Start Date 1 May 70; End Date 1 May 71
Contract and/or Control No.: 90-576-D-70-2

The objectives of this project are to increase the student's knowledge about the world of work and to expand the student's potential for making realistic career decisions, develop a curriculum for career education laboratories for all ninth and tenth grade students who have not made a tentative vocational decision, and introduce a vastly expanded program of career development.

SB000796

The Development and Implementation of a Comprehensive Testing Program for a Vocational-Technical Center.
Project Director: Pfeifer, William C.
Organization: Kent County Vocational-Technical School District, Woodside, Del.
Funding Period: Start Date 29 May 70; End Date 29 May 71
Contract and/or Control No.: 90-576-D-70-3

Objectives of this program include (1) determining personal success factors for school and work, (2) finding which measurement instruments most accurately report success differences in school, (3) conducting staff orientation workshops, (4) providing students with profiles of their measured characteristics, and (5) offering a summer training program for local school counselors in interpreting and using the General Aptitude Test Battery.

SB000797

To Develop and Implement a Program for the Career Development Center of the Brandywine Howard Educational Park.
Project Director: Chelly, Irvan V. P.
Organization: Wilmington Public Schools, Del.
Funding Period: Start Date 1 Jun 70; End Date 30 Jun 71
Contract and/or Control No.: 90-576-D-70-4

The purpose of this project is to provide the basic framework for a program that has as its ultimate objective the involvement of all secondary students in the Wilmington Public Schools in a program of work experience. The Career Development Center of the Brandywine Educational Park will be developed and will function as the center for the project.

Fiscal Year 1971

SB000798

Expansion of A World of Work Experience Program.
Project Director: Snyder, Robert E.
Organization: Newark School District, Del.
Funding Period: Start Date 1 May 71; End Date 1 May 72
Contract and/or Control No.: 90-576-I-71-1

The objectives of this project are to (1) continue a pilot program for the thirteen elementary schools of the district which will develop a career orientation program through integration of several curricula, (2) use the world of work as a catalyst to motivate pupils to learn basic skills in communications and mathematics as prerequisites for future careers, (3) establish a program advisory committee, and (4) construct a curriculum guide.

SB000799

Occupational Orientation.
Project Director: Higgins, Francis J.
Organization: Newark School District, Del.
Funding Period: Start Date 1 May 71; End Date 1 May 72
Contract and/or Control No.: 90-576-I-71-2

The objectives of this continuing project are to (1) provide increased occupational orientation; (2) develop career laboratory sequences in the area of service occupations; (3) expand the program of work study offered; (4) identify and develop new areas of occupational preparations; and (5) initiate curriculum development in communication skills, humanities, mathematics, and science.

SB000800

The Development and Implementation of a Career Counseling Program for a Vocational-Technical Center.
Project Director: Pfeifer, William C.
Organization: Kent County Vocational-Technical School District, Woodside, Del.
Funding Period: Start Date 1 Jul 71; End Date 1 Jul 72
Contract and/or Control No.: 90-576-I-71-6

The objectives of this project are to (1) conduct job analyses to determine the elements of the occupation relative to the program existing in the Center, (2) determine the personal factors which help account for job success, (3) determine which measurement instruments record most accurately the variance in success on the job and in school, (4) provide students with profiles of their measured characteristics, and (5) offer summer training for school counselors in the interpretation and use of the General Aptitude Test Battery.

SB000801

To Develop and Implement a Program for the Career Development Center of the Howard Educational Park.
Project Director: Christophe, Leroy M.
Organization: Wilmington Public Schools, Del.
Funding Period: Start Date 1 Jul 71; End Date 1 Jul 72
Contract and/or Control No.: 90-576-I-72-3

The purpose of this project is to allow continuation of the program for the Career Development Center of the Howard Educational Park. The primary objective is to develop final course descriptions and program outlines for the Career Development Center. Competency-based instructional techniques will be studied and implemented by staff as part of inservice education.

SB000802

Multidisciplinary Approach to Graphic Communications.
Organization: De La Warr School District, New Castle, Del.
Funding Period: Start Date 1 Jul 71; End Date 1 Jul 72
Contract and/or Control No.: 90-576-I-71-5

The purpose of this project is to involve the Art, Communications, English, and Distributive Education Departments in the Development of a total program for a multidisciplinary approach to graphic communications. The graphic communications program will prepare students with technical skills for immediate entry into the technical job market.

SB000803

Instructional Services in Ornamental Horticulture.
Project Director: Higgins, Frank
Organization: Newark School District, Del.
Funding Period: Start Date 1 Jul 71; End Date 1 Jul 72
Contract and/or Control No.: 90-576-I-71-3

This project is the first of a three-year program involving one elementary school, one middle school, and one high school in developing a catalog of horticultural materials to be used in various classes. These materials will then be prepared and delivered by the students in the elective ornamental horticulture classes.

Fiscal Year 1972

SB000804

Expansion of a World of Work Program.
Project Director: Kirk, George
Organization: Newark School District, Del.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 90-576-I-72-7

The objectives of this project are to (1) continue a pilot program for the thirteen elementary schools of the district which will develop a career orientation program through integration of several curricula, (2) use the world of work as a catalyst to motivate pupils to learn basic skills in communications and mathematics as prerequisites for future careers, (3) establish a program advisory committee, and (4) construct a curriculum guide.

SB000805

Occupational Orientation.
Project Director: Higgins, Francis J.
Organization: Newark School District, Del.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 90-576-I-72-6

The objectives of this project are to (1) increase the student's knowledge about the world of work and to expand the student's potential for making realistic career decisions; (2) develop a curriculum for career education laboratories for all ninth and tenth grade students who have not made a tentative vocational decision and (3) introduce a vastly expanded program of career development.

SB000806

The Development and Implementation of a Career Counseling Program for a Vocational-Technical Center.
Project Director: Lupia, Joseph A.
Organization: Kent County Vocational-Technical School District, Woodside, Del.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 90-576-I-72-5

The purpose of this continued project is to increase the student's knowledge of available career opportunities based on information about the student's particular attitudes, interests, and abilities. The main goal of the project, therefore, is to provide more information to students so they might make better career decisions when the time arises.

SB000807

To Develop and Implement a Program for the Career Development Center of the Howard Educational Park.

Project Director: Christophe, Leroy M.
Organization: Wilmington Public Schools, Del.
Funding Period: Start Date 1 Jul 71; End Date 1 Jul 72
Contract and/or Control No.: 90-576-I-72-3

The purpose of this project is to provide the basic framework for a program that has as its ultimate objective the involvement of all secondary students in the Wilmington Public Schools in a program of work experience. The Career Development Center of the Brandywine Educational Park will be developed and will function as the center for the project.

SB000808

Instructional Services in Ornamental Horticulture.
Project Director: Higgins, Francis J.
Organization: Newark School District, Del.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 90-576-I-72-4

The purpose of this project is to provide plant materials for students in the primary and middle schools to study in their horticultural program. Students will be involved in actual plant production and will thus receive an expanded program of work and experience. Reproduction and plant genetics will be introduced and studied in the early grades through the use of plants and prepared visual aid materials.

SB000809

Development of a Plan to Assimilate Students From Culturally Deprived Areas into Two-Year Associate Degree Occupational Programs: Pilot Engineering Preparation (P.E.P.).
Project Director: Petty, Gary F.
Organization: Delaware Technical and Community Coll., Dover.
Funding Period: Start Date 1 Jul 71; End Date 1 Jul 72
Contract and/or Control No.: 90-576-D-72-1

This project proposes to (1) develop a model program for disadvantaged students which uses hand-picked admissions and a total resources commitment; (2) create a special course, "Orientation to Technology"; (3) institute a mangagement training program to assist the college's middle management personnel in developing new programs for new students; and (4) create a long-range, inter-institutional program to recruit, motivate, and prepare minority group students for training leading to a two-year associate degree.

SB000810

Career Education Guidance Demonstration.
Organization: Caesar Rodney School District, Camden-Wyoming, Del.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: I-72-10

Funding for this project will allow continuation of the career education guidance project at the junior high school level. The project will emphasize counseling and guidance in order to assist students with program choices.

Fiscal Year 1973

SB000811

Performance Based, Self-Paced, Individualized Instructional System Packaging.
Project Director: Hoff, Charles
Organization: Kent County Vocational-Technical School District, Woodside, Del.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 90-576-I-73-3

The objectives of this project include reviewing and updating previously developed instructional packages and tests to include task analysis data produced by the Consortium of States (V-TECS), and preparing new packages and tests. To discover the skills necessary to teach current students, the project will continue follow-up surveys of past students concerning their degree of success in work experiences and percentage of employment.

Fiscal Year 1974

SB000812

Development of a Plan to Assimilate Students From Culturally Deprived Areas into Two-Year Associate Degree Occupational Programs: Pilot Engineering Preparation (P.E.P.).
Project Director: Petty, Gary F.
Organization: Delaware Technical and Community Coll., Dover.
Contract and/or Control No.: 90-576-I-72-8

This project proposes to (1) develop a model program for disadvantaged students which uses hand-picked admissions and a total resources commitment; (2) create a special course, "Orientation to Technology"; (3) institute a mangagement training program to assist the college's middle management personnel in developing new programs for new students; and (4) create a long-range, inter-institutional program to recruit, motivate, and prepare minority group students for training leading to a two-year associate degree.

SB000813

Instructional Services in Ornamental Horticulture.
Project Director: Higgins, Francis J.
Organization: Newark School District, Del.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: I-74-3

The purpose of this final phase of a three-year project is to enable high school students to increase their skills and knowledge of commercial greenhouse operation and plant propagation and provide elementary and middle school students the opportunity to learn about plants and plant materials through educational demonstration units containing live plants and flowers. The units will be produced by the high school students in the regular horticulture class.

SB000814

Career Education Instructional System.
Project Director: Freidly, H. Nelson
Organization: Newark School District, Del.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: I-74-1

The objectives of this project include enabling community participants to serve as resource consultants to career program development teams and career-related classroom activities; project participants to develop guidelines for career related curriculum development at the elementary, middle, and high school levels; and project coordinators and participants to provide technical assistance to new project participants.

SB000815

Vocational Curriculum Development.
Project Director: Schweitzer, Rachel
Organization: New Castle County Vocational-Technical School District, Wilmington, Del.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: I-74-4

The goals of this project include (1) the creation and development of occupational curriculum and exploratory materials in an audiovisual format to be used by instructors in high school and adult education programs; (2) the update of these materials and their coordination with career course outlines by the instructors; and (3) the development of a library of occupational curriculum materials.

Fiscal Year 1975

SB000816 **VTP-2156**

Industrial Arts in the Elementary Schools, K-5.
Project Director: Arbaugh, Franklin
Organization: Appoquinimink School District, Odessa, Del.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The purpose of this project is to correlate industrial arts with basic elementary curriculum. Children will be involved in activities dealing with tools, materials, machines, and processes to gain knowledge and an understanding of technology and development of psychomotor skills.

SB000817 VTP-1738

Vocational Curriculum Development.
Project Director: Schweitzer, Rachel
Organization: New Castle County Vocational-Technical School District, Wilmington, Del.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The goals of this project include (1) the creation and development of occupational curriculum and exploratory materials in an audiovisual format to be used by instructors in high school and adult education programs; (2) the update of these materials and their coordination with career course outlines by the instructors; and (3) the development of a library of occupational curriculum materials.

SB000818 VTP-1737

A Project to Provide Career Opportunities to Elementary Children in Kindergarten Through Grades Four in Awareness and Explorative Activities.
Project Director: Arbaugh, Franklin
Organization: Capital School District, Dover, Del.
Funding Period: Start Date 1 Jul 74; End Date 30 JUN 75

The objectives of this project are to establish career centers in each of the district's elementary schools, provide information and materials for career awareness and exploration, and provide a career interest core around which the experiences of children are developed in the centers. The procedures will involve recruitment of community resource people, selection and purchase of budgeted equipment and materials, and establishment of centers.

SB000819 VTP-1736

Performance Based, Self-Paced Individualized Instructional System.
Project Director: Dunkle, Donald E.
Organization: Kent County Vocational-Technical School District, Woodside, Del.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75.

The objectives of this project include reviewing and updating previously developed instructional packages and tests to include task analysis data produced by the Consortium of States (V-TECS), and preparing new packages and tests..To discover the skills necessary to teach current students, the project will continue follow-up surveys of past students concerning their degree of success in work experiences and percentage of employment.

SB000820 VTP-1895

About Face.
Project Director: Wilson, John
Organization: Marshallton-McKean School District, Wilmington, Del.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of this project is to provide staffing, equipment, materials, and supplies for a hands-on career awareness and exploratory program of instruction for elementary students, including disadvantaged and handicapped. The program will be provided for thirty-one target students on a regularly scheduled basis throughout the school year.

Fiscal Year 1976

SB000821

Industrial Arts in the Elementary Schools, K-5.
Project Director: Keene, William
Organization: Appoquinimink School District, Odessa, Del.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: I-76-3

The purpose of this project is to introduce elementary students to the world of industry, the trades, and crafts through "hands-on" instruction. Children will be involved in activities dealing with tools, materials, machines, and processes reflective of modern technology. The project is intended to help teachers develop learning activities in elementary industrial arts.

SB000822

Vocational-Technical Education Consortium of States.
Project Director: Schweitzer, Rachel J.
Organization: Delaware State Dept. of Public Instruction, Dover.
Funding Period: Start Date 1 May 75; End Date 1 Jun 76
Contract and/or Control No.: I-76-2

The purpose of this project is to join in a state consortium for the development of thirty-five vocational areas in performance-based terms. The ultimate goal is to implement a task-oriented curriculum pertinent to the requirements of the business and industrial community. Emphasis will be on developing a learning program focused on developing management skills for teachers and their supervisors to support a student-centered competency-based program.

SB000823

Delmarva Career Education Program.
Project Director: Long, William W.
Organization: Seaford School District, Del.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: I-76-4

The purpose of this project is to assist the school districts of Cape Henlopen, Delmar, Indian River, Laurel, Sussex Vocational-Technical and Woodbridge with student job placement through the compilation of a labor market survey of the Delmarva Economic Region and through a coordinated program of employment information between the districts and the business and manufacturing region.

SB000824

World at Work.
Project Director: Powell, Edward M.
Organization: Capital School District, Dover, Del.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: I-76-1

The purpose of this project is to assist in the expansion of career centers in each of the district's six elementary schools to provide pertinent information, materials, and equipment that will assist all youth in acquiring useful information about the occupational structure of the economy, the alternatives of career choice, the obligations of involvement in the total work force, and opportunities to prepare for gainful employment.

SB000825

About Face.
Project Director: Wilson, John
Organization: Marshallton-McKean School District, Wilmington, Del.

The objective of this project is to provide staffing, equipment, materials, and supplies for a hands-on career awareness and exploratory program of instruction for elementary students, including disadvantaged and handicapped. The program will be provided for thirty-one target students on a regularly scheduled basis throughout the school year.

SB000826

Performance Objective Based Vocational Education Curriculum Project.
Project Director: Tilley, Douglas
Organization: Newark School District, Del.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: I-76-6

This project will develop a job-task catalog for the area of sheet metal. Development of job-task catalogs is part of an agreement with the Consortium of States in an effort to obtain uniformity in skill instruction and assure that instruction is in accordance with business and industrial needs.

SB000827

Performance Based, Self-Paced Individualized Instructional System Packaging.
Project Director: Hoff, Charles
Organization: Kent County Vocational-Technical School District, Woodside, Del.

Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76.
Contract and/or Control No.: I-76-3.

The objectives of this project include reviewing and updating previously developed instructional packages and tests to include task analysis data produced by the Consortium of States (V-TECS), and preparing new packages and tests. To discover the skills necessary to teach current students, the project will continue follow-up surveys of past students concerning their degree of success in work experiences and percentage of employment.

SB000828

The Occupational Teacher Education.
Project Director: Stetson, Patricia
Organization: Delaware Univ., Newark.
Contract and/or Control No.: I-76-9

The purpose of this project is to provide supplemental funding to the Occupational Teacher Education Consortium to complete the innovative program, Activities for Career Teachers in Individualizing Occupational Needs of Students (ACTION). This project is designed to assist select teachers in the state in developing innovative teaching materials using the resource materials of V-TECS.

SB000829

Elementary Industrial Arts Program.
Project Director: Elder, Leon B.
Organization: Conrad Area School District, Wilmington, Del.

This program will include disadvantaged and handicapped elementary students who will learn the functions and proper uses of hand tools, plan and complete at least one project, improve eye-hand coordination, and improve skills in measurement and ability to follow directions.

SB000830 **VTP-2740**

Educational Resources Association (Continuation).
Project Director: Weatherly, Paul
Organization: Delaware Technical and Community Coll., Dover.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will continue the Educational Resources Association (ERA) to serve Delaware public (K-12) and private schools. ERA's goal is to identify a variety of career- and curriculum-related business and community resources and make them readily available to participating teachers, thereby providing all students with first hand career knowledge from practitioners representing a wide range of occupations in community organizations.

SB000831

Performance Based, Self-Paced Instructional System.
Project Director: Hoff, Charles
Organization: Kent County Vocational-Technical School District, Woodside, Del.
Contract and/or Control No.: I-77-3

The purpose of this project is to develop performance-based curriculum, utilizing the V-TECS task analysis approach. Instructors will prepare and ultimately review and adapt individualized instructional packages, review V-TECS catalogs, and attend an inservice program.

SB000832

Performance Objective Based Vocational Education Curriculum Project.
Project Director: Tilley, Douglas
Organization: Newark School District, Del.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: I-77-4

During the first year of this three-year project, activities will include the following: (1) a curriculum model utilizing a systems approach will be developed; (2) consulting teams which will develop performance objectives for each instructional area will be identified; (3) tentative lists of performance objectives will be reviewed, revised, and approved; and (4) rough drafts of curriculum and recommendations for hardware and software will be reviewed by craft committees and administration.

SB000833

Vocational-Technical Education Consortium of States.
Project Director: Schweitzer, Rachel J.
Organization: Delaware State Dept. of Public Instruction, Dover.

This is a continuation of the project with the V-TECS for the development of two catalogs of performance objectives and the continuing membership in the consortium. The ultimate goal is to implement a task-oriented, competency-based curriculum whereby students graduating from a vocational technical course will have acquired prescribed skills pertinent to the requirements of the business industrial community.

Fiscal Year 1977

SB000834

Performance Objective Based Vocational Education Curriculum Project.
Project Director: Kirk, George V.
Organization: Newark School District, Del.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: I-77-4

This project seeks to develop a performance-based vocational education curriculum to encompass thirty-one secondary level instructional areas, develop educational strategies for its implementation, and provide teacher training for implementation and follow-up. Objectives include synthesizing existing curricula with desirable components and developing a common instructional format which features broad-based instruction within job families, open entry-open exit, and a spiral curriculum approach.

SB000835 **VTP-2744**

Performance Objective Based Vocational Education Curriculum Project (Continuation).
Project Director: Kirk, George V.
Organization: Newark School District, Del.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: I-77-4

The second year of this project will focus on implementing, reviewing, revising, and evaluating curriculum materials developed during the first year, and rough-drafting curriculum materials for the third year of the three-year vocational programs. The objectives include developing the curriculum to encompass thirty-one secondary-level instructional areas, extracting and synthesizing existing curriculums, and developing a common format for the instructional system.

SB000836 **VTP-2741**

Elementary Industrial Arts Program.
Project Director: Elder, Leon
Organization: Conrad School District, Wilmington, Del.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: I-77-1

This program will include disadvantaged and handicapped elementary students who will learn the functions and proper uses of hand tools, plan and complete at least one project, improve eye-hand coordination, and improve skills in measurement and ability to follow directions.

SB000837 **VTP-2742**

Occupational Teacher Education.
Project Director: Stetson, Patricia.
Organization: Delaware Univ., Newark.

The purpose of this program is to provide supplemental funding to the Occupational Teacher Education Consortium to complete the innovative program, Activities for Career Teachers in Individualizing Occupational Needs of Students (ACTION). The project intends to assist selected teachers in the state in developing innovative teaching materials utilizing the resource materials of V-TECS.

SB000838

Vocational-Technical Education Consortium of States.
Project Director: Schweitzer, Rachel J.

Organization: Delaware State Dept. of Public Instruction, Dover.
Funding Period: Start Date 1 Sep 76; End Date 1 Sep 77
Contract and/or Control No.: I-77-5

This is a continuation of the project with the V-TECS for the development of two catalogs of performance objectives and the continuing membership in the consortium. The ultimate goal is to implement a task-oriented, competency-based curriculum whereby students graduating from a vocational technical course will have acquired prescribed skills pertinent to the requirements of the business industrial community.

SB000839

Performance Based, Self-Paced Instructional System Packaging.
Project Director: Hoff, Charles
Organization: Kent County Vocational-Technical School District, Woodside, Del.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: I-77-3

Among the objectives for instructors in this curriculum development project are (1) updating and reviewing completed packages, (2) breaking down units of their courses into separate concepts and building packages around these concepts, (3) incorporating V-TECS materials and information into individualized learning packages, (4) updating knowledge of their trade areas to include in the packages the most current information, and (5) updating their job descriptions.

SB000840

Educational Resource Association.
Project Director: Weatherly, Paul K.
Organization: Delaware Technical and Community Coll., Dover.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 78
Contract and/or Control No.: I-77-6

During the last year of funding, the purposes of this project are to develop and expand an inventory of community resources in the state to be available to educators through a centrally controlled clearinghouse, develop and refine materials and methods that encourage educators to collaborate with community resource persons, and maintain and administer an office system to coordinate educator requests for use of such resources.

SB000841 **VTP-2743**

Performance Based, Self-Paced Instructional System Packaging.
Project Director: Hoff, Charles
Organization: Kent County Vocational-Technical School District, Woodside, Del.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: I-77-3

The purposes of this project are to develop performance-based curriculum utilizing the V-TECS task analysis approach. Instructors will prepare and ultimately review and update individualized instructional packages, review V-TECS catalogs, and continue to break down units into separate courses.

SB000842

About Face.
Project Director: Wilson, John
Organization: Marshallton-McKean School District, Wilmington, Del.

The objective of this project is to provide staffing, equipment, materials, and supplies for a hands-on career awareness and exploratory program of instruction for elementary students, including disadvantaged and handicapped. The program will be provided for thirty-one target students on a regularly scheduled basis throughout the school year.

DISTRICT OF COLUMBIA

Part C

Fiscal Year 1971

SB000843

A Field Research Project to Develop and Test the Impact of Career Awareness and Achievement Motivation at the Junior High School Level.
Organization: Metropolitan Educational Council for Staff Development, Washington, D.C.
Descriptive information unavailable.

Fiscal Year 1972

SB000844

A Field Research Project to Develop and Test the Impact of Career Awareness and Achievement Motivation at the Junior High School Level.
Organization: Metropolitan Educational Council for Staff Development, Washington, D.C.
Descriptive information unavailable.

Fiscal Year 1973

SB000845

The Development of a Student Follow-Up System.
Organization: North Carolina State Univ., Raleigh.
Descriptive information unavailable.

Fiscal Year 1974

SB000846

Project INFO.
Project Director: Maedel, Ouida V.
Organization: District of Columbia Public Schools, Washington, D.C.
This project will implement a Center for Program and Curriculum Development in order to make information resources accessible to teachers and school personnel. The Center will house mainly the AIM and ARM (ERIC) microfiche collection and a microfiche reader printer. The purpose of the Center is to stimulate independent efforts of teachers to evaluate and restructure current vocational education programs. Teachers will be surveyed to assess the effectiveness of the Center.

Fiscal Years 1975-1977 - No Projects Reported

Part D

Fiscal Year 1970

SB000847

Implementing a K-12 Careers Development Program in the District of Columbia. (Combination with Commissioner's Half of Part D).
Organization: District of Columbia Public Schools, Washington, D.C.
Descriptive information unavailable.

Fiscal Year 1971

SB000848

Implementing a K-12 Careers Development Program in the District of Columbia. (Combination with Commissioner's Half of Part D).
Organization: District of Columbia Public Schools, Washington, D.C.
Descriptive information unavailable.

Fiscal Year 1972

SB000849

Implementing a K-12 Careers Development Program in the District of Columbia. (Combination with Commissioner's Half of Part D).
Organization: District of Columbia Public Schools, Washington, D.C.
Descriptive information unavailable.

Fiscal Year 1973

SB000850

Career Education in the Inner City.
Project Director: Etheridge, Besse.
Descriptive information unavailable.

Fiscal Year 1974

SB000851

Career Education in the Inner City.
Organization: District of Columbia Public Schools, Washington, D.C.
Descriptive information unavailable.

Fiscal Year 1975

SB000852

Career Education in the Inner City.
Organization: District of Columbia Public Schools, Washington, D.C.
Descriptive information unavailable.

Fiscal Years 1976-1977 - No Projects Reported

FLORIDA

Part C

Fiscal Year 1971

SB000853 **VTP-004**

A Study of Postsecondary Occupational Education in Florida.
Project Director: Schafer, Michael I.
Organization: Florida Univ., Gainesville.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The objectives of this project are to compile information on the processes used in developing, implementing, and evaluating postsecondary occupational programs and establish a system for information needed to make resource allocation for program development. The procedure will include an inventory of postsecondary occupational education programs, development of data gathering instruments and research techniques, data collection and analysis, and a final report.

SB000854 **VTP-012**

Identifying Implications of Research for Vocational Teachers.
Project Director: Gallington, R. O.
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The purpose of this project is to provide abstracts of recently completed vocational education research and implications of these studies to vocational educators. An attempt will be made to discover the needs of industrial education teachers for research findings, define classifications for organizing the findings, and develop presentations of findings for dissemination to teachers.

SB000855 **VTP-020**

An Evaluation of Exemplary Programs in Dade, Duval, Escambia and Hillsborough Counties.
Project Director: Perkins, Lawrence H.
Organization: West Florida Univ., Pensacola.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The purpose of this project is to evaluate the effectiveness of an exemplary model for a total ecological approach to nongraded vocational programs. The product objectives directly relate to the improvement of both the student and the teacher. The process objectives directly relate to increased implementation and quality of the programs in the schools. Data will be collected, analyzed, and reported in an interim evaluation report.

SB000856 **VTP-001**

A Comparative Study of the Use of VIEW Materials in Two Area Vocational-Technical Centers.
Project Director: Paige, L. E.
Organization: Broward County Board of Public Instruction, Fort Lauderdale, Fla.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The purpose of this project is to establish and determine student use of Vital Information for Education and Work (VIEW). VIEW materials should provide career information for students attending vocational technical centers. The materials will be purchased and installed for use in each center. Determination of effectiveness will be reported by the project director in each center. A special form will be developed to gather information about student participation and opinions.

SB000857 **VTP-008**

Elementary Vocational Education Curriculum Project for the State of Florida.
Project Director: Heggen, James R.
Organization: Florida State Univ.,Tallahassee.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The objectives of the project are to develop Learner-Oriented Occupational Materials (LOOMs) that meet the need of today's youth, identify a rationale and content structure to guide the development of instructional models, develop teaching techniques to provide awareness of the world of work, and design potential pilot programs. The first six months will be spent researching, developing, and field testing LOOMs.

SB000858 **VTP-010**

Establishment of Vocational Research Information Centers in Florida (Phase I and Phase II).
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The objective of this series of projects is to establish information centers at area vocational technical centers, community colleges, and universities to provide access to materials available through the ERIC system. Each of the 60 centers established will provide a facility and staff to organize and maintain the center and encourage the use of ERIC materials in the system.

SB000859 **VTP-002**

Fusion of Applied and Intellectual Skills.
Project Director: Hodges, J. B.
Organization: Florida Univ., Gainesville.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The purpose of the project is to design a means of fusing applied skills with intellectual skills throughout the K-12 curriculum. The curriculum's components will be changed to meet the needs of individual students, community resources will be involved in the development of a program and a redirection of teacher outlook on education will be planned. The implementation phase will include development of the curriculum, instruction, and guidance programs and staff development workshops.

SB000860 **VTP-005**

A Project to Develop Learning Packets in Diversified Cooperative Training.
Project Director: Jaeschke, Donald P.
Organization: South Florida Univ., Tampa.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The purpose of this curriculum project is to develop five student-centered learning packets to assist coordinators in the implementation of identified instructional goals for occupational related areas. Instructional goals will be selected for the development of objectives. Learning packets will be developed, field tested, revised, and disseminated.

SB000861 **VTP-006**

Development of a Research and Evaluation Design for an Exploratory Vocational Program at Clearwater Comprehensive Junior High School.
Project Director: Safransky, Robert
Organization: Clearwater Comprehensive Junior High School, Fla.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The aim of this project is to develop and implement a research design resulting in an evaluative model needed to assess the achievement of product and process objectives in an exploratory vocational program. Several informal evaluative instruments have been devel-

oped which need to be evaluated, and criterion referenced instruments need to be developed for performance objectives. An evaluation model and instruments for the program will be developed and plot tested.

SB000862 **VTP-003**

A Planning Project to Study Agricultural Education Needs in Florida.
Project Director: Patterson, S. D.
Organization: Florida Univ., Gainesville.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The purpose of this project is to design a model for studying the occupational and educational needs for agriculture programs. Objectives include determining the skills and attitudes needed by agricultural employees, designing programs to develop needed competencies, and developing a system for monitoring and forecasting employment needs. An advisory and consulting committee will refine objectives and determine techniques, and project personnel will develop model and data collection instruments.

SB000863 **VTP-019**

A Follow-Up Study of the 1965-66 High School Cooperative Distributive Education Students.
Project Director: Buckner, Leroy M.
Organization: Florida Atlantic Univ., Boca Raton.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The purpose of the follow-up will be to establish the employment status of program graduates. Specific objectives are to determine their present occupational categories, job levels, and average frequency of job changes. A letter will be sent to the principals of the schools and parents of the students involved. A survey questionnaire will be sent to each student.

SB000864 **VTP-011**

A Planning Grant to Identify Mid-Management, Semi-Professional and Technical Personnel Needs and Employment Opportunities to Redirect Training Programs (Stage I, Phase A).
Project Director: Bender, Louis W.
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 1 Feb 71; End Date 30 Jun 71

The planning phase of this project will determine feasible methods of developing greater societal understanding and acceptance of occupational preparation offered by postsecondary occupational education programs, providing new entry levels based on knowledge gained in the programs, and contributing to the cost effectiveness in personnel utilization. This phase will include a literature review, delineation of operational strategy, and identification and organization of an advisory committee.

SB000865 **VTP-013**

A Planning Grant to Develop an Exemplary Program Model in Orange County.
Project Director: Megow, Robert S.
Organization: Wymore Vocational Technical Center, Eatonville, Fla.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The purposes of this project are to establish a combined vocational and academic curriculum to which the disadvantaged student can relate, provide a guidance program developed to meet the needs of these students, influence the development of programs to acquaint students with the world of work, and plan and conduct a program of occupational skill training. This phase will survey the changes which can be made at the center and design a model for implementing the procedures needed.

SB000866 **VTP-041**

A Review of Literature to Identify Innovative Curricular Materials in Vocational Education and Development of a Model Inventory of Research and Development Resources.
Project Director: Morgan, Robert
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The purposes of this project are to search the literature for tested innovative curricular materials and develop an inventory of human and materials research and development resources. A complete search of all ERIC documents will be conducted, and a listing of materials will be prepared. A listing of all district personnel responsible for research and development activities will be prepared, along with abstracts of pertinent theses and dissertations.

SB000867 **VTP-437**

Project LOOM (Learner Oriented Occupational Materials).
Project Director: Heggen, James R.
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 1 Jul 71; End Date 15 Sep 71

This project will conduct ten summer workshops to expose participants to the LOOM units developed during the past year and enable them to plan curriculum for their particular schools. The workshops will assist in the development of tool and psychomotor skills relevant to conducting activities in the world of work program.

SB000868 **VTP-438**

FAIS: The Fusion of Applied and Intellectual Skills.
Project Director: Smith, M. F.
Organization: Florida Univ., Gainesville.
Funding Period: Start Date 1 Jul 71; 15 Aug 71

To provide for the effective implementation of the FAIS curriculum, this project will conduct three four-day workshops for teachers who will field test the FAIS curriculum. Workshop activities will be designed to help the participants to internalize the FAIS Philosophy and develop FAIS-oriented plans and activities appropriate for the children they teach. Workshop participants will be encouraged to determine the value of the FAIS curriculum and attain the specific instructional tools appropriate for the curriculum's implementation.

SB000869 **VTP-433**

Summer Workshop.
Project Director: Kratzer, Eileen
Organization: Hillsborough County Board of Public Instruction, Tampa, Fla.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

Faculty and staff in Hillsborough, Duval and Escambia counties will participate in summer workshops to construct a total school program for the 1971-72 school year. The program will include writing performance objectives, scheduling for counseling, identifying places of student employment, and orienting new staff.

SB000870

Planning a Project to Identify Communication Problems of Vocational Education Teachers in Stof, Florida.
Organization: West Florida Univ., Pensacola.

Descriptive information unavailable.

SB000871 **VTP-777**

Development of a Planning/Implementing Model for a K-14 Career Eduction Program in Brevard County.
Project Director: Brown, Lloyd D.
Organization: Brevard County Board of Public Instruction, Titusville, Fla.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to support activities to design the proposal for program development prior to implementation. Tasks will be assigned for the accomplishment of the objectives of each component using existing and supplementary personnel. Additional positions will be outlined to fill all needs.

SB000872 **VTP-779**

Proposal for a Planning Grant to Study the Dissemination/Diffusion Process in Selected Florida Schools.
Project Director: Lewis, A. J.
Organization: Florida Univ., Gainesville.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purposes of this project are to develop procedural models that facilitate the dissemination/diffusion of successful innovations or exemplary programs and produce the best research design for the indepth study of the dissemination/diffusion process and the development of procedural models. The project staff will set up joint meetings with selected persons to work out the details of the proposal. Recruitment of planning personnel will then take place.

SB000873 **VTP-780**

A Planning Grant for Developing Procedures Which Will Identify and Define Student Personnel Services for Area Vocational Technical Centers in Florida.
Project Director: Wattenbarger, James L.
Organization: Florida Univ., Gainesville.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The aims of this project are to develop measurable objectives for the student personnel services program and career related counseling, identify feasible strategies, estimate costs, and use the information to plan more effective programs. The study is a systems approach to developing procedures for integrating services into a management-by-objectives framework. A committee will be responsible for refining the goals, method, implementation, and evaluation of the study.

SB000874 **VTP-050**

Information System for Exemplary Programs.
Project Director: McDuffie, B. J.
Organization: Duval County Board of Public Instruction, Jacksonville, Fla.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The purpose of this project is to establish an information center which provides access to ERIC materials in four schools. Prior to the establishment of the center, a staff member will be assigned responsibility for operation and maintenance of the equipment. Placement of the equipment will provide faculty and staff with a study area and space for storage of equipment and materials.

SB000875 **VTP-052**

Information System for Exemplary Programs.
Project Director: Upthegrove, Ernest
Organization: Dade County Board of Public Instruction, Miami, Fla.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The goal of this project is to establish an information center which provides access to ERIC materials in four schools. Prior to the establishment of the center, a staff member will be assigned responsibility for operation and maintenance of the equipment. Placement of the equipment will provide faculty and staff wth a study area and space for storage of equipment and materials.

SB000876 **VTP-051**

Information System for Exemplary Programs.
Project Director: Partin, Charles
Organization: Escambia County Board of Public Instruction, Pensacola, Fla.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The purpose of this project is to establish an information center which provides access to ERIC materials in four schools. Prior to the establishment of the center, a staff member will be assigned responsibility for operation and maintenance of the equipment. Placement of the equipment will provide faculty and staff with a reading study area and space for storage of equipment and materials.

SB000877 **VTP-049**

Information System for Exemplary Programs.
Project Director: Miller, Carl
Organization: Hillsborough County Board of Public Instruction, Tampa, Fla.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The purpose of this project is to establish an information center which provides access to ERIC materials in four schools. Prior to the establishment of the center, a staff member will be assigned responsibility for operation and maintenance of the equipment. Placement of the equipment will provide faculty and staff with a study area and space for storage of equipment and materials.

Fiscal Year 1972

SB000878 **VTP-421**

Establishment of Vocational Research Information Centers in Florida.
Project Director: Scherman, Howard
Organization: Lee County Board of Public Instruction, Fort Myers, Fla.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objective of this project is to establish information centers at area vocational technical centers, community colleges, and universities to provide access to materials available through the ERIC system. Each of the sixty centers will provide a facility and staff to organize and maintain the center, and encourage the use of ERIC materials in the system.

SB000879 **VTP-415**

A Planning Project to Study Agricultural Education Needs in Florida.
Project Director: Patterson, S. D.
Organization: Florida Univ., Gainesville.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to design a model for studying the occupational and educational needs for agriculture programs. Objectives include the determination of skills and attitudes needed by employees, design of programs to develop needed competencies, development of a system for monitoring and forecasting employment needs, and development of guidelines for coordinating programs. An advisory committee will be formed to develop and refine these objectives.

SB000880 **VTP-419**

Identifying Implications of Research for Vocational Teachers and to Continue Part-Time Research Position for Industrial Education.
Project Director: Gallington, R. O.
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The aim of this project is to provide abstracts of recently completed vocational education research and the implications of these studies to vocational educators. An attempt will be made to discover the needs of industrial education teachers for research findings, define classifications for organizing the findings, and develop presentations of findings for dissemination to teachers.

SB000881 **VTP-422**

A Comparative Study of the Use of VIEW Materials in Two Area Vocational-Technical Centers.
Project Director: Woolley, William M.
Organization: Broward County Board of Public Instruction, Fort Lauderdale, Fla.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of the project is to establish and determine student use of Vital Information for Education and Work (VIEW). VIEW materials should provide career information for students attending vocational technical centers. The materials will be purchased and installed for use in each center. Determination of effectiveness will be reported by the project director in each center. A special form will be developed to gather information about student participation and opinions.

SB000882 **VTP-413**

Development of Criterion Referenced Instruments for Distributive Education Programs.
Project Director: Buckner, Leroy M.
Organization: Florida Atlantic Univ., Boca Raton.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The goal of this project is to participate in a consortium of ten states to validate instruments for assessing achievement of performance objectives in distributive education. Specific objectives for each participating state include developing behavioral objectives, related concepts, pretests, learning activities, and evaluation instruments. At a one-week workshop, each participant will develop complete packets for ten competency areas. The packets will then be field tested.

SB000883 **VTP-412**

Elementary Vocational Education Curriculum Project for the State of Florida Project LOOM.

Project Director: Heggen, James R.
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objectives of the project are to develop learner-oriented occupational materials (LOOMs), identify a rationale and content structure to guide the development of instructional models, develop a foundation structure for a K-5 program, and develop teaching techniques to provide awareness of the world of work. LOOMs will be researched, developed, field tested, and evaluated. Summer workshops for teachers' orientation will be held.

SB000884 **VTP-483**

An Evaluation of Exemplary Programs in Dade, Duval, Escambia and Hillsborough Counties.
Project Director: Perkins, Lawrence H.
Organization: West Florida Univ., Pensacola.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to evaluate the effectiveness of an exemplary model for a total ecological approach to nongraded vocational programs. The product objectives directly relate to the improvement of both the student and the teacher. The process objectives directly relate to increased implementation and quality of the programs in the schools. Evaluation will be measured through pre and posttests of experimental and control groups.

Fiscal Year 1973

SB000885

Project VIEW - Vital Information for Education and Work.
Project Director: Woolley, William M.
Organization: Broward County Board of Public Instruction, Fort Lauderdale, Fla.
Contract and/or Control No.: CO-0018

The purpose of this project is to provide job training information for middle and senior high school students to afford them opportunities to gain immediate and convenient access to the most current available information on postsecondary career choices. Through a career card system, information available includes entry-level job requirements and qualifications and job prospects and opportunities, plus information on instructional programs leading to qualifications for the career and schools offering the programs.

SB000886

Project VIEW - Vital Information for Education and Work.
Organization: Washington County School Board, Fla.
Contract and/or Control No.: CO-0018

The purpose of this project is to provide job training information for middle and senior high school students to afford them opportunities to gain immediate and convenient access to the most current available information on postsecondary career choices. Through a career card system, information available includes entry-level job requirements and qualifications and job prospects and opportunities, plus information on instructional programs leading to qualifications for the career and schools offering the programs.

SB000887

Closing the Middle Manpower Utilization GAP (CTMMUG).
Project Director: Litton, Maurice L.
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 26 Feb 71; End Date 30 Jun 73
Contract and/or Control No.: C1-0045

The purpose of phase two and phase three of this three-phase project to promote more effective use of trained personnel at the middle manpower level in state government, business, and industry is a study of job classes in several government agencies. A total of 2,200 jobs will be reviewed. Major modifications will be recommended for some classes and revisions recommended for others to more effectively use graduates of middle manpower training programs.

SB000888

Developing Procedures Which Will Identify and Define Student Personnel Services for Area Vocational Technical Centers in Florida.
Project Director: Wattenbarger, James L.
Organization: Florida Univ., Gainesville.
Funding Period: Start Date 1 Mar 72; End Date 30 Jul 75
Contract and/or Control No.: C1-5252

The aims of this project are to develop measurable objectives for the student personnel services program and career related counseling, identify feasible strategies, estimate costs, and use the information to plan more effective programs. The study is a systems approach to developing procedures for integrating services into a management-by-objectives framework. A committee will be responsible for refining the goals, methods, implementation, and evaluation of the study.

SB000889

Identify Pupil Personal Services Appropriate to Elementary Guidance Personnel Involved in Career Development Progress.
Organization: Florida State Univ., Tallahassee. Coll. of Education.

Descriptive information unavailable.

SB000890

Identifying Implications of Research for Vocational Teachers and to Continue Part Time Research Position for Industrial Education.
Project Director: Andreyka, Robert
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 75
Contract and/or Control No.: C1-0001

The purpose of this project is to develop ways to sift through completed vocational research, identify the research-related information that would improve vocational education programs, and abstract the findings in some organized manner. The research studies will be synthesized and formulated into a publication. Secondary goals include developing competency tests for trade teachers to use in obtaining credit toward the baccalaureate degree.

SB000891

Project Agriculture: A Study of Agricultural Education Needs in Florida.
Project Director: Patterson, Douglas
Organization: Florida Univ., Gainesville.

Objectives of this project are to identify the number and types of occupations in the agricultural industry and the job skills or competencies needed by agriculture employees, develop guidelines for educational programs to develop these competencies in current and potential employees, disseminate information to agricultural educators for use in curriculum development, and develop guidelines to coordinate agriculture education programs among institutions and a system for monitoring and forecasting labor needs in agriculture.

SB000892

Development of Criterion Referenced Instruments for Distributive Education Programs.
Project Director: Buckner, Leroy M.
Organization: Florida Atlantic Univ., Boca Raton.

The purpose of this project is to participate in a consortium of ten states to validate instruments for assessing achievement of performance objectives in distributive education. Specific objectives for each participating state include developing behavioral objectives, related concepts, pretests, learning activities, and evaluation instruments. At a one-week workshop, each participant will develop complete packets for ten competency areas. The packets will then be field tested.

SB000893

Identify Communication Problems of Vocational Education Teachers in the State of Florida.
Organization: University of West Florida, Pensacola.

Descriptive information unavailable.

SB000894

Support of Eight Graduate Students Training Programs at Florida State University in Occupational and Career Education Programs of Research and Related Projects.

Organization: Florida Univ., Gainesville.
Descriptive information unavailable.

SB000895

Continuation of a Project to Fuse Applied and Intellectual Skills-Valuing Approach to Career Education.
Project Director: Smith, M. F.
Organization: Florida Univ., Gainesville.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 75
Contract and/or Control No.: C1-0004

The purpose of this project is to develop a model curriculum which will enable all children to learn about the work world, make self-appraisals, and accomplish goals. A K-12 curriculum will be based on this concept. End products are to be multimedia systems of career education, including film strips, cassettes, games, puppets, etc., designed for two years of classroom work with groups of thirty students.

SB000896

Florida Project Agriculture.
Project Director: Patterson, Douglas
Organization: Florida Univ., Gainesville.
Funding Period: Start Date 8 Jan 71; End Date 30 Jun 74
Contract and/or Control No.: C1-0010

Objectives of this project are to identify the number and types of occupations in the agricultural industry and the job skills or competencies needed by agriculture employees, develop guidelines for educational programs to develop these competencies in current and potential employees, disseminate information to agricultural educators for utilization in curriculum development, and develop guidelines to coordinate agriculture education programs among institutions and a system for monitoring and forecasting labor needs in agriculture.

SB000897

Diffusion of Research Project to Develop and Validate the Preformed Objectives and Criterion Referenced Evaluation Devices for Auto Mechanics.
Organization: University of South Florida, Tampa.
Descriptive information unavailable.

SB000898

Development of Criterion Referenced Instruments for Distributive Education Programs.
Project Director: Buckner, Leroy M.
Organization: Florida Atlantic Univ., Boca Raton.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 76
Contract and/or Control No.: C2-0037

A new phase of this project is a study of the equipment and materials, based on the lists of previously developed competencies, needed for distributive education labs for twelve program areas in high schools, junior colleges and vocational and technical centers. Additionally, a list of equipment, materials and supplies, as well as space and storage recommendations will be presented in four program areas: Orientation to Marketing, Exploration of Retailing, Exploration of Marketing Services, and Exploration of Wholesaling.

SB000899

Elementary Guidance Program in Career Education - "The Yellow Brick Road."
Project Director: Amatea, Ellen S.
Organization: Florida Univ., Gainesville.
Funding Period: Start Date 14 Apr 72; End Date 30 Jun 75
Contract and/or Control No.: C1-0069

The purposes of this project are to design a K-6 developmental career guidance curriculum to be incorporated into a model elementary school guidance component of the career education program, define functions of elementary counselors in helping implement such a program, and specify methods of training counselors for these purposes. The final product will be a sourcebook of strategies for elementary teachers and counselors. A training sequence will be developed and packaged for distribution to local school systems.

Fiscal Year 1974

SB000900 **VTP-1413**

Comprehensive Career Education Development Program.
Project Director: Csikos, Evelyn K.
Organization: Leon County School Board, Tallahassee, Fla.
Funding Period: Start Date 15 Jun 73; End Date 14 Dec 74

This project is designed to develop, implement, evaluate, and disseminate a comprehensive career education program in grades K-14. The major components of the model will emphasize careful product and process measurements. Specialists from various agencies will work with personnel to develop assessment techniques and suggest program revision.

SB000901 **VTP-1410**

Placement and Progress of Florida's Technical Graduates (Phase II).
Project Director: Hensel, J. W.
Organization: Florida Univ., Gainesville.
Funding Period: Start Date 29 Jan 74; End Date 30 Jun 74

The objectives of this project are to determine the placement, initial job assignment, relationship of training to job assignment, rate of promotion and pay increase, job satisfaction, perceived needs for continuing education, and mobility of graduates of technical education programs. A follow-up study of dropouts will be conducted and data will be compared. A pilot study will be made on a sample of institutions before a major study is undertaken.

SB000902

Distributive Education Dissemination Project.
Project Director: Buckner, Leroy M.,
Organization: Florida Atlantic Univ., Boca Raton.
Funding Period: Start Date 25 Jan 74; End Date 30 Jun 74
Contract and/or Control No.: C4-007

This project plans to disseminate the curriculum materials developed by the Distributive Education Interstate Curriculum Consortium to each institution operating or planning to operate a distributive education program during the 1973-74 school year. Preservice and inservice training activities will be conducted in each of the five administrative areas (VTAE) of the state, and at least one distributive education teacher coordinator from each institution receiving materials will participate in orientation sessions to become familiar with the material.

SB000903 **VTP-1409**

Preparation of Teachers for Utilization of the Valuing Approach to Career Education.
Project Director: Hodges, J. B.
Organization: Florida Univ., Gainesville. P. K. Yonge Lab. School.
Funding Period: Start Date 15 May 74; End Date 30 Jun 75

The objectives of this project are to use a planning team to develop a tentative training model. This model will be used by a developmental institute for testing and revision. The ultimate outcome of the planning stage is anticipated to be the development of a workshop model to prepare teachers to use the valuing approach to career education. Regional Leadership Training Institutes will be designed and conducted.

SB000904 **VTP-1408**

An Evaluation of Career Education Programs in Orange, Broward, Brevard, Leon, Escambia, Duval, Dade, and Hillsborough Counties.
Project Director: Perkins, Lawrence H.
Organization: West Florida Univ., Pensacola.
Funding Period: Start Date 11 Oct 73; End Date 30 Jun 74

The purpose of this project is to improve the interaction of students with their environment; improve academic achievement in reading, communication, and math skills; and provide for the development of occupational skills to enable the student to experience greater employment success. Instructional materials linking vocational and academic subjects will be obtained, and an evaluation system to measure academic achievements will be developed. Teachers and support staff will receive inservice training in working with disadvantaged youth.

SB000905 VTP-1407

Exploratory Study of Competency Based Teacher Education Programs in Home Economics.
Project Director: Greenwood, Bonnie B.
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 2 Feb 74; End Date 30 Jun 74

The objective of this project is to identify competencies necessary to successfully teach occupational home economics. To do this a review of education literature will be conducted, secondary home economics teachers and students will be surveyed through questionaires, competencies will be compiled, identification of teacher competencies will be completed, and performance criteria will be developed.

SB000906 VTP-1406

Amending Project LOOM to Provide Complete Set of Slides for Area Coordinators.
Project Director: Berger, Ernest G.
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 14 Sep 73; End Date 30 Jun 74

The objectives of this project are to continue developing LOOM instructional units and develop a design for evaluating the units. A project staff will concentrate on reading the units for field evaluation while the evaluation team will prepare the units for small group tryouts. From these procedures, data will be collected and analyzed.

SB000907 VTP-1405

Elementary Guidance and Career Education Project.
Project Director: Burck, Harman D.
Organization: Florida State Univ., Tallahassee. Coll. of Education.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The purposes of this project are to evaluate the program guidelines and determine and describe the most effective approach for dissemination and use of these guidelines. This will be accomplished by observing and evaluating counselors trained in a two-week workshop. The project will involve activities which pertain to the evaluation of the guidelines and those which pertain to the development of a resource guide.

SB000908 VTP-1404

Supervisor, Program Planning, and Evaluation, Business, Distributive and Diversified Education.
Project Director: Groover, Everett L.
Organization: Duval County School Board, Fla.
Funding Period: Start Date 19 Mar 74; 30 Jun 74

The objectives of this project are to have average secondary school level students take and transcribe shorthand dictation at a specified rate and to master and apply the theory of shorthand. The sample for the research study will consist of seventy-five high school students and three teachers in an experimental group, and twenty-five students and one teacher in a control group.

SB000909

Identifying Performance Objectives Needed by Workers in Tourism Related Industries.
Project Director: Buckner, Leroy M.
Organization: Florida Atlantic Univ., Boca Raton.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: C4-008

Funds will be used to cover expenses for consultants working on identifying performance objectives needed by workers in tourism-related industries.

SB000910 VTP-1402

To Provide Stipend Support for Four Florida State University Students (Graduates) Committed to Research, Teacher Education, Administration or Curriculum Development in the Area of Career Education.
Project Director: Lathrop, Robert
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 16 Oct 73; End Date 30 Jun 74

The objective of this project is to provide training experiences to four graduate students who will engage in activities designed to solve real problems brought to the Career Education Center. The students will be assigned to activities and supervised by the director of the Center for three academic terms.

SB000911

Continuation of FERIC Satellite Center.
Project Director: Sloan, George
Organization: Pensacola Junior Coll., Fla.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: C3-0072

The purpose of this project is to requisition equipment, materials, and supplies to continue the FERIC Satellite Center. The project will involve identifying and obtaining needed microfiche; maintaining a system for storing, retrieving and using the microfiche; and making the microfiche available to all educators in the service area for use in improving programs in vocational and technical education. Records on use of the microfiche will be kept, and an assessment of the use will be made to FERIC.

SB000912

Fusion of Applied and Intellectual Skills (Continuation).
Project Director: Hodges, J. B.
Organization: Florida Univ., Gainesville.

The purpose of this project is to design a means of fusing applied skills with intellectual skills throughout the K-12 curriculum. Specific objectives will include changing curriculum components, involving community resources in program development, and planning for redirection of teacher outlook on education. The implementation phase will include development of curriculum, instruction, guidance programs, and staff development workshops.

SB000913

FAIS - Fusion of Applied and Intellectual Skills.
Project Director: Smith, M. F.
Organization: Florida Univ., Gainesville. P. K. Yonge Lab. School.
Contract and/or Control No.: C1-0004

The purpose of this project is to develop a model curriculum which will enable all children to learn about the work world, make self-appraisals, and accomplish goals. A K-12 curriculum will be based on this concept. End products are to be multimedia systems of career education, including film strips, cassettes, games, puppets, etc., designed for two years of classroom work with groups of thirty students.

SB000914 VTP-1403

Agriculture Manpower Survey and Analysis of Data and Develop Curriculum (Research Funds).
Project Director: Loftan, W. T.
Organization: Florida Univ., Gainesville.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objectives of this project are to determine manpower requirements and identify the skills and competencies of those preparing to serve industry at the job entry level. The procedures include identifying the population through study committees, drawing a random sample for the study, preparing the survey interview schedule or instrument, and organizing a series of special task forces to assist with the study.

SB000915

To Provide Stipend Support for Four Florida State University Graduate Students Committed to Research Teacher Education, Administrative or Curriculum Development in Area of Career Education.
Organization: Florida State Univ., Tallahassee.

Descriptive information unavailable.

SB000916 VTP-1498

Career Education Curriculum Laboratory.
Project Director: Edmundson, James C.
Organization: Florida State Univ., Tallahassee. Career Education Center.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objective of this project is to provide a multi-media presentation demonstrating how the catalog can be used and briefly orient the users to the catalog format and major categories of employability skills. A condensed version of the script from an existing slide/tape will serve as the introduction to the overall project.

SB000917

Continuation of FERIC Satellite Center.
Project Director: Hancock, Robert
Organization: Pensacola Junior Coll., Fla.
Contract and/or Control No.: OEG-0-71-3690

This project is designed to set up a number of information centers in vocational and technical centers and community colleges. Specific objectives are to identify potential user groups, obtain reader-printers and microfiche produced by ERIC, publish quarterly listings of other materials available on a loan basis, develop a loan plan of microfiche and hard copy materials, and provide consultation services to institutions in setting up such centers.

SB000918

Completion of Report on 3-Year Curriculum Development Project FAIS.
Project Director: Smith, M. F.
Organization: Florida Univ., Gainesville.
Contract and/or Control No.: C1-0004

The purpose of this project is to develop a model curriculum which will enable all children to learn about the work world, make self-appraisals, and accomplish goals. A K-12 curriculum will be based on this concept. End products are to be multimedia systems of career education, including film strips, cassettes, games, puppets, etc., designed for two years of classroom work with groups of thirty students.

SB000919 VTP-1412

A Project to Develop and Implement Curricula for Florida Vocational Exemplary Programs.
Project Director: Crittenden, John F.
Organization: West Florida Univ., Pensacola.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The purposes of this project are to assist in the development of a curriculum model, assist in the coordination of curriculum development and diffusion activities of the Career Education Curriculum Laboratories, and assist in evaluating and monitoring the curriculum development activities.

SB000920 VTP-1411

Phase III - Student Personnel Services.
Project Director: Wattenbarger, J. L.
Organization: Florida Univ., Gainesville. Coll. of Education.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objectives of this project are to determine which and to what extent the objectives identified by Phase II are being met at the individual institutions, determine the problems preventing full implementation of the objectives, and identify solutions to these problems. The institute will help the centers implement the objectives.

SB000921

Summary Report on Communication and Teaching Effectiveness in Vocational Education.
Project Director: Roberts, Churchill L.
Organization: West Florida Univ., Pensacola.
Funding Period: Start Date 21 Mar 74; End Date 30 Jun 74
Contract and/or Control No.: C4-009

The purpose of this project is to prepare a summary report on a project entitled "Communication and Teaching Effectiveness: A Quantitative Study of Verbal and Nonverbal Communication in Vocational Education Programs." By observing 124 teachers in selected industrial education programs throughout the state, this project will determine the relationship between certain criteria of teaching effectiveness and communication.

SB000922

Career Education Counseling in Adult General Education.
Project Director: Robbins, Michael R.
Organization: Palm Beach School District, Fla.
Funding Period: Start Date 11 Mar 74; End Date 30 Jun 75
Contract and/or Control No.: C4-014

This project is designed to develop a career education counseling program for adults which will provide skill testing and counseling to adults who apply to adult centers and community schools in the county. Specific aims are to identify adult centers as sites for testing, analyze published materials on career education to provide resource materials to counselors, recruit adults needing counseling, and refer these adults to occupational preparation programs.

SB000923

Evaluation Instrument Development for Emergency Medical Technicians.
Project Director: Duke, Arnold T.
Organization: Santa Fe Community Coll., Gainesville, Fla.
Funding Period: Start Date 15 May 74; End Date 30 Jun 75
Contract and/or Control No.: C4-013

The purpose of this project is to develop an instrument to measure the competencies needed by Emergency Medical Technicians to pass the Division of Health Examination. Educational centers can then adopt the instrument and determine where emphasis should be placed in course content that will correct deficiencies in competency levels.

SB000924

Development of a Curriculum Delivery System for Individualizing Instruction in Vocational-Technical Education - CDS Project.
Project Director: Johnston, Barbara
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 30 Jun 74; End Date 30 Jun 78
Contract and/or Control No.: CC4-01

This project will develop an individualized instructional management system and validate criteria to be used as a basis for individualizing vocational and technical instruction. Specific objectives are to develop a theoretical framework for the delivery system; identify components and processes of the system; develop validated criteria to be used in selection, organization, and presentation of learning experiences; and produce a total curriculum delivery system including components.

Fiscal Year 1975

SB000925 VTP-1862

Student Personnel Services Project for Area Vocational Technical Centers.
Project Director: Wattenbarger, James L.
Organization: Florida Univ., Gainesville.
Funding Period: Start Date 19 Sep 74; End Date 30 Jun 75

The objectives of this project are to determine the range of program costs for each area center for full implementation of student personnel services, act as resource assistant for program development, and develop costs per strategy per student. To improve student personnel services, the project staff will offer assistance to local centers which need help.

SB000926 VTP-1861

Co-Operative Student Assistants.
Project Director: Andreyka, Robert E.
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 25 Sep 74; End Date 30 Jun 75

The aims of this project are to provide students with an integrated program of work and study leading to a higher degree and provide them with an opportunity to determine the kind of work for which they are best suited. The procedure provides for graduate assistants to survey, screen, abstract, write, and evaluate materials in the identified areas.

SB000927 VTP-1860

A Catalog of Objectives and Criterion-Referenced Exercises for Tax Collector Occupations.
Project Director: Groth, David A.
Organization: Broward Community Coll., Fort Lauderdale, Fla.
Funding Period: Start Date 1 Nov 74; End Date 30 Jun 75

The purpose of this project is to identify the learning objectives and an educational program appropriate for collectors to insure unbiased and equitable collection of taxes and develop the category of objectives for the eleven components of the educational program. Committees will establish the state of the art in tax collection and develop a task list booklet report.

SB000928 VTP-1989

Scoring Instruments Necessary to Conduct a Product Evaluation of the Leon County Career Education Project.
Project Director: Rehwinkel, Carl
Organization: Leon County School Board, Tallahassee, Fla.
Funding Period: Start Date 1 Feb 75; End Date 30 Jun 75

The objectives of this project are to identify or develop evaluation instruments capable of distinguishing acquired knowledge, attitudes, and competencies of students in high schools and vocational and technical schools. Assessments and inventories will be administered to students, and the answer sheets will be sent to the publishers for scoring and detailed summary of results.

SB000929

The Development of a Programmed Guide for Local Vocational Directors to Use in Cost-Benefit Analysis.
Project Director: Andreyka, Robert
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 13 Jan 75; End Date 30 Jun 75
Contract and/or Control No.: C4-016

The product of this project will be a four-part guide consisting of an introduction of the guide's format and the concept contained therein, the components of cost benefit analysis, methods of evaluating vocational programs and sample problems, and an appendix which will include reference materials such as illustrative tables and worksheets.

SB000930 VTP-1997

Supplementary Funding; Major Curriculum Activities, FY 1974-75.
Project Director: Lathrop, Robert L.
Organization: Florida State Univ., Tallahassee. Career Education Center.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75
Contract and/or Control No.: C5-004

The purposes of this project are to survey the state of the art for assessing automotive mechanics competencies, develop a domain chart, revise and produce a new catalog of performance objectives, and revise and develop criterion-referenced test items. The procedures will include completing a task analysis of the automotive service industry and field testing the new performance objectives.

SB000931

Employment of a Dissemination Coordinator at FA&M University.
Organization: Florida A and M Univ., Tallahassee.

Descriptive information unavailable.

SB000932

Conducting a Project to Determine the Feasibility of a Cooperative State Effort in Occupational Curricula Development.
Organization: Southern Association of Colleges and Schools, Atlanta, Ga.

Descriptive information unavailable.

SB000933

Performing a Third-Party Evaluation of Career, Economic, and Community Education Components in Selected Florida School Districts.
Project Director: Eaton, Robert
Organization: Educational Progress in Careers, Inc., Fort Lauderdale, Fla.
Contract and/or Control No.: 750-010

This project will develop and validate an evaluation system, from the employer's point of view, to assist educators and school administrators in assessing the status of career, economic, and community education programs; develop valid student data collection procedures at each educational level; and develop methods for continually involving business representatives, parents, and educators in evaluating career, economic, and community programs in each school district.

SB000934

A Comprehensive Program for Career Development: K-University Career Education Consortium Project.
Project Director: Selman, James
Organization: Educational Testing Service, Atlanta, Ga.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 77
Contract and/or Control No.: D5-004

This three-year project developed by a consortium is designed to be a model comprehensive career development program with special emphasis on secondary and postsecondary levels. A committee from each consortium agency will focus on program components of curriculum, guidance, and placement/follow-up, and on dissemination/-diffusion of products. Inservice workshops will be conducted. Reference guides for career education personnel and guidelines for a third-party evaluation will be developed.

Fiscal Year 1976

SB000935 VTP-2160

Coordinate Special Evaluation and Diffusion Activities.
Project Director: Perkins, L. Hobdy
Organization: West Florida Univ., Pensacola.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: C6-001

The objectives of this project are to conduct analyses of VTAE follow-up information, design and coordinate purposive samples of incumbent workers for V-TECS catalogs, and assist in directing a state wide inservice program to implement cost benefit and cost effectiveness analyses. A management plan for implementing project results will be submitted.

SB000936

Coordinate Vocational Curriculum Development Activities.
Project Director: Perkins, L. H.
Organization: West Florida Univ., Pensacola.
Funding Period: Start Date 19 Jun 75; End Date 30 Jun 77
Contract and/or Control No.: BR6-0202

The objective of this project is to provide for a coordinator of various vocational education curriculum activities throughout the state. These activities include: development and dissemination of V-TECS catalogs, assessment of curriculum needs at all levels, curriculum development laboratory activities, the vocational education curriculum delivery system, and the Vocational Division's curriculum evaluation program.

SB000937 VTP-2261

Development of Competency Based Teacher Education Programs in Cooperative Education.
Project Director: Toothman, Rex C.
Organization: South Florida Univ., Tampa.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

In Phase II of this project, the objectives are to establish a list of competency statements, develop criterion-referenced objectives, and identify current instructional materials. Data from Phase I will be used in the development of this phase. A catalog of competencies will be the final result of the project.

SB000938

Performing a Third Party Evaluation of the Florida Comprehensive Program of Vocational Education for Career Development: K-Universities.
Project Director: Hardy, Roy
Organization: Educational Testing Service, Atlanta, Ga.
Contract and/or Control No.: 750-116

The Educational Testing Service will perform a third party evaluation of the Florida Comprehensive Program of Vocational Education for Career Development. This evaluation will involve collecting and assembling information to support a certification that the program is in operation, identifying processess and activities not on development schedule, and collecting initial and intermediate baseline data for more accurate description of student status and change.

SB000939 VTP-2262

Evaluate an Open Entry-Open Exit System into Nurse Training Programs.
Project Director: Upthegrove, Ernest
Organization: Dade County Public Schools, Miami, Fla.
Funding Period: Start Date 1 Oct 75; End Date 30 Jun 76

The objectives of a follow-up study of graduates of the nurses training program are to evaluate graduates' preparation for job skills and assess challenge examinations. A survey questionnaire will be mailed to the graduates. Personal interviews with graduates will be an extension of the written questionnaire.

SB000940 VTP-2343

Research Assistance for Vocational Education.
Project Director: Perkins, L. Hobdy
Organization: West Florida Univ., Pensacola.
Funding Period: Start Date 1 Nov 75; End Date 30 Jun 76
Contract and/or Control No.: C6-006

This project is designed to improve the state-wide efforts of vocational education research and development. The project will provide for consultative services not currently available, updated information on current developments, and products and processes needed to expand the benefits of programs and courses.

SB000941 VTP-2260

Development of a Curriculum Delivery System for Individualizing Instruction in Vocational Education.
Project Director: Lathrop, Robert L.
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 1 Dec 75; End Date 30 Jun 76
Contract and/or Control No.: C6-007

The final phase of this project will focus on completing testing of procedural manuals for teachers to use in individualizing instruction and producing an instructional package for training teachers as individualizers. Procedures will include providing assistance to teachers during field testing.

SB000942 VTP-2263

Follow-Up Study of Distributive Education Graduates.
Project Director: Patterson, Gerald
Organization: South Florida Univ., Tampa.
Funding Period: Start Date 27 Oct 75; End Date 30 Jun 76
Contract and/or Control No.: C6-005

To improve the quality of the distributive education program, a follow-up study of all distributive education teachers graduating between September 1965 and August 1975 will be conducted. The purpose of the study is to determine the strengths and weaknesses of the current offerings. Questionnaires will be developed to request job information.

SB000943 VTP-2557

The Development and Verification of Professional Competencies for Vocational Agriculture Teachers.
Project Director: Beeman, Carl E.
Organization: Florida Univ., Gainesville.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of this study is to identify and verify the professional competencies needed by beginning teachers of agribusiness and natural resources. Questionnaires will be developed to obtain data concerning the respondents and their beliefs regarding competencies necessary for beginning teachers. Descriptive statistics and analysis of variance will be used to analyze the data.

SB000944 VTP-2560

To Design and Operate a Field Test Center for Vocational Education Products in Conjunction with the Career Education Consortium Project.
Project Director: Tinsley, B. R.
Organization: Manatee Junior Coll., Bradenton, Fla.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will provide planning assistance to establish a demonstration center for vocational education research and develoment products. The plans and procedures which will be developed for establishing the center include setting up an advisory committee, field visits to existing centers, and development and submission of a proposal.

SB000945 VTP-2561

To Develop a System for Evaluating Local Vocational Education Programs.
Project Director: Thomas, Hollie B.
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of the project is to develop procedures and materials to facilitate the formative evaluation of local vocational programs. The objectives are to develop guidelines, procedures, instrumentation, strategies, materials, and activities for use in locally directed evaluation of vocational programs; field test, revise, and deliver for dissemination the developed materials and procedures; and provide staff assistannce to local education agencies.

SB000946 VTP-2558

Development of Competency Based Teacher Education Programs in Cooperative Education. Continuation.
Project Director: Jaeschke, Donald
Organization: South Florida Univ., Tampa.
Funding Period: Start Date 1 July 76; End Date 30 Jun 77

The purpose of the continuation of this project is to provide an alternative to Diversified Occupation Certification by recommending a delivery system for competency-based course-modules. Four field course-modules will be developed, field tested, and revised. Dissemination and implementation strategies will be recommended.

SB000947 VTP-2562

To Implement a System for Providing Curriculum Materials in the Areas of Turfgrass, Floriculture, Pesticide Applicator and Seafood Production to Florida Vocational Teachers of Agriculture.
Project Director: Beeman, Carl
Organization: Florida Univ., Gainesville.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: C7-001

The aim of this project is to provide instructional materials for use in seafood production, pesticide applicator training, turfgrass, and floriculture. Procedures will include identifying the materials needed; selecting, organizing, duplicating, or purchasing appropriate materials; and identifying additional instructional resource materials needed in the four instructional areas.

SB000948

Continue Operation and Facilitate the Closing of Previously Funded Project CC5-05.
Project Director: Watford, Charles
Organization: Jackson County School District, Marianna, Fla.
Funding Period: Start Date 1 Jun 76; End Date 31 Dec 76
Contract and/or Control No.: CC5-05

This is a continuation of a project to examine the operation of the Chipola Area Coordinating Council to determine its weaknesses and develop alternative practices for improving its operation. The project will conduct a comprehensive study of the council. Alternate delivery systems will be developed, field tested, and evaluated. Validated delivery systems will then be provided to local administrators and to the state for dissemination to other school districts.

SB000949

Educational Systems Research Institute, Inc. - Contract Computer Assisted Placement Services (CAPS) System.
Project Director: Eninger, E. U.
Organization: Educational Systems Research Inst., Pittsburgh, Pa.
Funding Period: Start Date 1 Feb 76; End Date 30 Sep 76
Contract and/or Control No.: 760-093

This project will implement and operate Computer Assisted Placement Services (CAPS) Systems in twenty-four area vocational and technical centers and thirteen community colleges designated as area vocational and technical schools.

SB000950

Continue Operation and Facilitate the Closing of Previously Funded Project.

Project Director: Hansen, Robert
Organization: Brevard Community Coll., Cocoa, Fla.
Funding Period: Start Date 4 Jun 76; End Date 15 Dec 76
Contract and/or Control No.: CC5-04

This is a continuation of a project designed to examine the operations of the Brevard Community College Coordinating Council, determine its weaknesses, and develop alternative practices to improve its operation. Procedures include conducting a comprehensive study of the Brevard County Council; assessing present and projected community needs and resources; and designing, implementing, and validating alternate delivery systems appropriate to Brevard County.

SB000951

Educational Progress In Careers (EPIC) - Contract Career Education Evaluation.
Project Director: Justiz, Tom
Organization: Educational Progress in Careers, Inc., Fort Lauderdale, Fla.
Funding Period: Start Date 1 Jul 76; End Date 31 Dec 76
Contract and/or Control No.: 770-002

This is a continuation of a contract with Educational Progress in Careers (EPIC) to develop a system of evaluating career, economic, and community education components in selected Florida school districts. EPIC will also train members of the Vocational Division staff to consult with teachers and administrators in data collection and reduction.

SB000952

The Impact on Vocational Education in Florida of Admissions Policies Based on the College Level Examination Program (CLEP).
Project Director: Tully, G. Emerson
Organization: Florida State Univ. System, Tallahassee. Board of Regents.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: C6-002

The objective of this project is to determine whether vocational education teachers who took the CLEP tests in 1971 had made use of their test scores to attain higher degrees and consequent changes in teaching rank and salary levels. The project will also seek to determine the views of vocational teachers on use of credit by examination for professional development and how they felt about the CLEP cutoff scores established for credit and admission to degree programs of study.

SB000953

Third Party Evaluation of Manatee County Comprehensive Program of Vocational Education for Career Development: K-University.
Project Director: Selman, James
Organization: Educational Testing Service, Atlanta, Ga.
Contract and/or Control No.: D6-002

This three-year project developed by a consortium is designed to be a model comprehensive career development program with special emphasis on secondary and postsecondary levels. A committee from each consortium agency will focus on program components of curriculum, guidance, and placement/follow-up, and on dissemination/-diffusion of products. Inservice workshops will be conducted. Reference guides for career education personnel and guidelines for a third-party evaluation will be developed.

SB000954

Contract - Consortium Project in Occupational Education.
Project Director: Hirst, Ben, Jr.
Organization: Southern Association of Colleges and Schools, Atlanta, Ga.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 760-012

Funds will be used by the State of Florida for membership in Vocational-Technical Education Consortium of States (V-TECS) for cooperative production and distribution of catalogs of performance objectives and criterion-referenced measures utilizing standard performance criteria.

SB000955

EPIC, Inc. Development of Evaluation System for Comprehensive Vocational Education K-12.
Project Director: Justiz, Thomas
Funding Period: Start Date 1 July 75; End Date 30 Jun 76
Contract and/or Control No.: 760-013

This project will evaluate career, economic, and community education components in three selected school districts; develop a set of evaluation guidelines including evaluation purposes, criteria, and procedures for use in the Vocational Technical Adult Education (VTAE) Division evaluation system; and develop inservice workshops to train VTAE Division staff to use the evaluation guidelines.

SB000956

A Consortium Project in Occupational Education.
Project Director: Hirst, Ben
Organization: Southern Association of Colleges and Schools, Atlanta, Ga.
Funding Period: Start Date 1 Sep 76; End Date 30 Sep 77
Contract and/or Control No.: 770-041

Funds will be used by the State of Florida for membership in Vocational-Technical Education Consortium of States (V-TECS) for cooperative production and distribution of catalogs of performance objectives and criterion-referenced measures utilizing standard performance criteria.

SB000957 **VTP-2672**

Evaluation of Manatee County Project Third Party ETS.
Project Director: Hardy, Roy
Organization: Educational Testing Service, Princeton, N.J.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 760-076

This project will develop, define, and establish working relationships with the various groups that have information relevant to the evaluation of the Comprehensive Program of Vocational Education for Career Development, organize existing information about process and product in the schools and colleges, implement the final evaluation design in congruence with the discovered realities of the program, and collect initial and intermediate baseline data for progressively more accurate descriptions of the status and change of the students.

Fiscal Year 1977

SB000958

Third Party Evaluation of the Florida Comprehensive Program of Vocational Education for Career Development: K-University.
Organization: Educational Testing Service, Princeton, N.J.

Descriptive information unavailable.

SB000959

Development of a Multi-State Consortium.
Organization: Southern Association of Colleges and Schools, Atlanta, Ga.

Descriptive information unavailable.

SB000960

EPIC–Career Education Evaluation.
Project Director: Eaton, Robert
Organization: Educational Progress in Careers, Inc., Fort Lauderdale, Fla.
Contract and/or Control No.: 770-002

This project will develop and validate an evaluation system, from the employers' point of view, to assist educators and school administrators in assessing the status of career, economic, and community education programs; develop valid student data collection procedures at each educational level; and develop methods for continually involving business representatives, parents, and educators in evaluating career, economic and community programs in each school district.

SB000961 VTP-2671

Establishment of CDS Demonstration Classrooms.
Project Director: Lathrop, Robert
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 15 Sep 76; End Date 30 June 77
Contract and/or Control No.: D7-004

This project will provide technical and financial support to help teachers turn their classrooms into exemplary vocational education demonstration centers using the CDS instructional system. Teachers will participate in staff meetings, onsite visits, and workshops.

SB000962

Development and Field Test of Community Involvement Procedures Manual - EPIC System.
Project Director: Justiz, Tom
Organization: Educational Progress in Careers, Inc., Fort Lauderdale, Fla.
Funding Period: Start Date 1 Jan 77; End Date 30 Jun 77
Contract and/or Control No.: 770-092

The purpose of this project is to develop and field test a set of procedures for involving local community members in the Educational Progress in Careers, Inc. (EPIC) evaluating system. The Division of Vocational Education will provide coordinating assistance to the proposed project staff members and will maintain liaison to the project to assure accomplishment of the objectives.

Part D

Fiscal Year 1970

SB000963

An Exemplary Model for a Total Ecological Approach to Non-Graded Vocational Programs in a Separate Educational Center.
Project Director: Proehl, Carl W.
Organization: Florida State Dept. of Education, Tallahassee. Div. of Vocational, Technical and Adult Education.

The objective of the program is to develop educational and occupational skills, positive social behavioral modes, and improved ecological patterns in disadvantaged youth. The procedures will be to orient and involve the community, present occupational orientation programs to the schools, provide cooperative vocational education programs, and design individualized self-pacing instructional packets.

Fiscal Year 1971

SB000964

An Exemplary Model for a Total Ecological Approach to Non-Graded Vocational Programs in a Separate Educational Center.
Project Director: Proehl, Carl W.
Organization: Florida State Dept. of Education, Tallahassee. Div. of Vocational, Technical and Adult Education.

The objective of the program is to develop educational and occupational skills, positive social behavioral modes, and improved ecological patterns in disadvantaged youth. The procedures will be to orient and involve the community, present occupational orientation programs to the schools, provide cooperative vocational education programs, and design individualized self-pacing instructional packets.

SB000965

Career Exploration of Health Related Occupational Fields for Disadvantaged Rural Students.
Project Director: McKissack, Byron
Organization: Franklin County School District, Fla.
Funding Period: Start Date 18 Mar 71; End Date 30 Jun 71
Contract and/or Control No.: D1-0005

A mobile health unit will be designed so that junior high students can be offered courses in various health related occupations, thereby increasing their employment opportunities. The mobile unit will provide a lab setting and courses will be given one semester a year in a three-year sequence. Curriculum guide, bibliographies, equipment lists, performance objectives, and pre and posttests will be developed.

Fiscal Year 1972

SB000966 VTP-572

An Exemplary Model for a Total Ecological Approach to Non-Graded Vocational Programs in a Separate Educational Center.
Project Director: Proehl, Carl W.
Organization: Florida State Dept. of Education, Tallahassee. Div. of Vocational, Technical and Adult Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objective of the program is to develop educational and occupational skills, positive social behavioral modes, and improved ecological patterns in disadvantaged youth. The procedures will be to orient and involve the community, present occupational orientation programs to the schools, provide cooperative vocational education programs, and design individualized self-pacing instructional packets.

Fiscal Year 1973

SB000967

Fusion of Applied and Intellectual Skills.
Project Director: Hodges, J. B.
Organization: Florida Univ., Gainesville.

The purpose of the proposal is to design a means of fusing applied skills with intellectual skills throughout the K-12 curriculum. The curriculum's components will be changed to meet the needs of individual students, community resources will be involved in the development of a program, and a redirection of teacher outlook on education will be planned. The implementation phase will include development of the curriculum, instruction, and guidance programs and staff development workshops.

SB000968

Project LOOM - Learner Oriented Occupational Materials.
Project Director: Berger, Ernest
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 19 Jun 70; End Date 30 Jun 75
Contract and/or Control No.: C4-004

During 1973-74 Project LOOM will engage in an in-house evaluation of the activity based career awareness instructional materials which had been developed earlier in the project for grades K-8 in sixteen occupational clusters. Elementary and middle school teachers and students in five school districts will be introduced to the materials to determine the effectiveness and acceptance of LOOM units. A summer workshop using the LOOM materials will be conducted for the Army Dependent School System in Europe.

Fiscal Year 1974

SB000969 VTP-1360

A Comprehensive Vocational Education Program for Career Development in Grades K-12.
Project Director: Megow, Robert S.
Organization: Orange County School Board, Fla.
Funding Period: Start Date 15 Sep 73; End Date 14 Sep 74

This project will provide additional funds for a discretionary project in Orange County.

SB000970

Field Test the Development of Elementary Curriculum for Career Education.
Organization: Dade County Public Schools, Miami, Fla.

Descriptive information unavailable.

SB000971 VTP-1359

Planning for Comprehensive Program of Vocational Education for Career Development.
Project Director: Toothman, Rex C.
Organization: South Florida Univ., Tampa.
Funding Period: Start Date 15 Mar 74; End Date 30 Jun 74

The objective of this project is to plan a comprehensive career education program. This will be accomplished by appointing a project coordinator and part-time secretary, establishing an advisory committee, identifying roles and responsibilitiies of participating in-

stitutions, and refining the goals of the program. There will be frequent contact among representatives to carry out the implementing tasks.

SB000972 VTP-1358

Criterion Referenced Objectives for Training Turfgrass Workers.
Project Director: Morrill, J. Glenn
Organization: Florida Univ., Gainesville.
Funding Period: Start Date 1 Jan 74; End Date 30 Jun 74

The objectives of this project are to identify the tasks performed in the ornamental horticulture industry and prepare criterion-referenced objectives as a foundation for competency-based instructional programs and training of persons employed by the industry. The procedures are to identify the population to be studied, draw a random sample for task identification, identify and validate the tasks, and prepare and compile performance objectives into a reference catalog.

SB000973 VTP-1357

Automotive Body Repair Assessment Project.
Project Director: Mohr, Paul
Organization: Florida A and M Univ., Tallahassee.
Funding Period: Start Date 11 Jan 74; End Date 30 Jun 75

The aims of this project are to survey the state of the art for assessing automotive body repair competencies and develop a domain chart, produce a catalog of pre-objectives and performance objectives, and develop criterion-referenced test items for the performance objectives. A bibliography of resource materials and a booklet which identifies tasks necessary for successful job entry in the automotive body repair occupation will be prepared.

SB000974 VTP-1356

Automotive Mechanics Assessment Project.
Project Director: Richardson, Roger L.
Organization: Florida A and M Univ., Tallahassee.
Funding Period: Start Date 19 Apr 74; End Date 30 June 75

The objectives of this project are to survey the state of the art for assessing automotive mechanics competencies and develop a domain chart, produce a catalog of pre-objectives and performance objectives, and develop criterion-referenced test items for the performance objectives. A bibliography of resource materials and a task list booklet will be prepared.

SB000975 VTP-1355

College Adaptation Vital Information for Education.
Project Director: Keller, Jack
Organization: West Florida Univ., Pensacola.
Funding Period: Start Date 8 Apr 74; End Date 30 Jun 74

The objective of this project is to conduct the necessary research to produce aperture cards containing information relative to careers for college students. Career scripts will be written, edited, evaluated, and typed on standard forms to be sent for conversion to computer microfiche cards.

SB000976 VTP-1354

Comparative Studies in Business Education Programs.
Project Director: Robinson, Dolores M.
Organization: Florida A and M Univ., Tallahassee.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to determine the effectiveness of present programs in business education in meeting manpower needs, changes needed in current offerings, and emerging occupations for which new programs may be needed. The project will determine if a descriptive model can serve as an accurate means of collecting data in other sections. The study will focus on existing offerings, and each program will be evaluated by collecting data on enrollment and existing employment trends.

SB000977 VTP-1367

Articulation Program in Associate Degree Nursing.
Project Director: Rhile, Joseph E.
Organization: Lake-Sumter Community Coll., Fla.
Funding Period: Start Date 19 Apr 74; End Date 30 Jun 75

The purpose of this project is to plan a freshman program which will enable students to transfer as sophomores into the Valencia associate degree program in nursing and select and purchase equipment, supplies, and materials required by the new courses which will be developed. Required resources will be determined and obtained.

SB000978 VTP-1366

Evaluation of Work Experience Programs.
Project Director: Crawford, Lucius, Jr.
Organization: Broward County School Board, Fort Lauderdale, Fla.
Funding Period: Start Date 10 Apr 74; End Date 30 Jun 74

The objective of this project is to validate the premise that the program has helped work experience participants and graduates. Individuals who were in the work experience program in 1972-73 will be interviewed and will fill out a questionnaire which will document the current job or school status of graduates, rate various aspects of the program, and help evaluators become more sensitive and responsive to student needs.

SB000979

A Study to Determine Marketing and Distribution Concepts Taught by Elementary Teachers in Their Career Awareness Units.
Project Director: Davis, Judy
Organization: Pinellas County School District, Clearwater, Fla.
Funding Period: Start Date 17 Jun 74; End Date 30 Jun 75
Contract and/or Control No.: D4-009

The purpose of this project is to identify the role of distributive education (D.E.) and develop guidelines for introducing it at the elementary level. Specific objectives are to identify types of services which should be provided by professional D.E. personnel, identify materials and resources being used in marketing career awareness, and define resources needed to do a more efficient job. Five counties currently using career education units will be sent mail surveys.

SB000980

Articulating the Pilot Engineering Related Technology Program at the Secondary and Post-Secondary Levels.
Organization: Orange County Public Schools, Orlando, Fla.

Descriptive information unavailable.

SB000981

Changes in Certain Self-Actualizing Values of Associate Degree Nursing Students as a Result of Participation in Group Counseling Experiences.
Project Director: Warren, Barbara
Organization: Daytona Beach Community Coll., Fla.
Funding Period: Start Date 15 May 74; End Date 30 Jun 75
Contract and/or Control No.: D4-008

The intent of this project is to test the relationship of specific therapeutic skills to measures of self-actualizing. The treatment will consist of group counseling experiences for forty sophomore students enrolled in the nursing program who will be pre and posttested using Shostrom's Personal Orientation Inventory. Skills selected for investigation are awareness of one's own feelings, acceptance of others' feelings, openness toward others, and warmth and interest in others.

Fiscal Year 1975

SB000982 VTP-1892

To Meet Third Party Career Education Evaluation Guidelines as Specified By USOE.
Project Director: Bellum, C. A.
Organization: Sarasota County School Board, Fla.
Funding Period: Start Date 1 Oct 74; End Date 30 Jun 75
Contract and/or Control No.: D4-013

The objectives of this project are to increase positive attitudes in students about themselves, their school, and their world; increase knowledge of the world of work and specific occupations; and increase the abilities and habits necessary to succeed in the world of work. Specific performance objectives will be developed to indicate if the project has achieved its general goals.

SB000983

Preparation of Teachers for Utilization of the Valuing Approach to Career Education.
Organization: Florida Univ., Gainesville. P. K. Yonge Lab. School.
Descriptive information unavailable.

SB000984 VTP-1893

Employment of a Technical Coordinator at FAMU, To Provide Assistance and Direction to the Development of V-TECS Catalogs of Objectives and Criterion-Referenced Measures Being Conducted in Universities and Other Institutions Throughout the State.
Project Director: Mohr, Paul
Organization: Florida A and M Univ., Tallahassee.
Funding Period: Start Date 1 Oct 74; End Date 30 Jun 75
Contract and/or Control No.: D5-003

The aims of this project are to develop task statement booklets organized by job titles, administer the task statement booklets to an incumbent worker sample, computerize an analysis of information collected from the sample, and convert the task statements into performance objectives with companion criterion-referenced measures.

SB000985

Automotive Body Repair Assessment Project.
Project Director: Mohr, Paul
Organization: Florida A and M Univ., Tallahassee.
Funding Period: Start Date 11 Jan 74; End Date 30 Jun 75
Contract and/or Control No.: D4-002

The objectives of this project are to survey the state of the art for assessing automotive body repair competencies and develop a domain chart, produce a catalog of pre-objectives and performance objectives, and develop criterion-referenced test items for the performance objectives. A bibliography of resource materials and a booklet which identifies tasks necessary for successful job entry in the automotive body repair occupation will be prepared.

SB000986 VTP-1883

Third-Party Evaluation of the C/E Program in Manatee County.
Project Director: Lee, Raymond
Organization: Manatee County, Bradenton, Fla.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: D5-004

The purposes of this project are to clarify the procedures used to achieve project objectives and periodically collect and analyze data related to the effectiveness of these procedures. The product evaluation will determine the degree to which the project objectives were attained in terms of student behavior.

SB000987 VTP-1884

Survey of LOOM Needs by District Schools.
Project Director: Berger, Ernest
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 1 Jun 74; End Date 30 Jun 75
Contract and/or Control No.: D4-011

The objective of this project is to conduct a market research in all school districts to determine their potential need or desire for Learner-Oriented Occupational Materials (LOOM), processes, and workshops. A three-phase procedure will be used to design, field test, revise, and analyze the materials and data.

SB000988 VTP-1885

To Continue the Reproduction and Diffusion of LOOM Throughout the State.
Project Director: Berger, Ernest
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 1 Oct. 74; End Date 30 Jun 75
Contract and/or Control No.: D5-001

The purpose of this project is to request support for the establishment of a centralized system to supply Learner-Oriented Occupational Materials (LOOM) and evaluation instruments to requesting school districts, conduct inservice workshops for the districts and establish a centrally located pilot LOOM Demonstration Center, and continue assistance to districts.

SB000989 VTP-1886

Evaluation of Career Education Projects in Leon and Manatee Schools.
Project Director: Perkins, Hobdy
Organization: West Florida Univ., Pensacola.
Funding Period: Start Date 1 Oct 74; End Date 30 Jun 75
Contract and/or Control No.: D5-002

The objectives of this project are to help students acquire more knowledge about careers, develop greater perceptivity of self and a more positive self-awareness, develop a greater ability to comprehend value judgments, demonstrate more positive attitudes toward the world of work, and develop and acquire more decision-making skills.

SB000990 VTP-1996

Guide to Elementary Guidance and Career Education, and Development of Inservice Package for Implementation.
Project Director: Lathrop, Robert
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75
Contract and/or Control No.: D4-014

The purpose of the project is to design a guide and coordinate its production and design and produce Inservice Multi-Media Packages. The packages are intended to insure the effective dissemination of the concepts and activities presented in the guide. Activity modules, slide-tape presentations, guidance charts, and posters will be designed to provide visual support for the workshops.

SB000991 VTP-1888

To Assist in the Diffusion of Elementary Counselor Career Education Materials to Teachers and Counselors Throughout Florida.
Project Director: Amatea, Ellen
Organization: Florida Univ., Gainesville.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

The objectives of this project are to assist in preparing a guidance sourcebook and develop and package a sequence of training activities, resources, and information into a trainer's guide. The project will involve the development of procedures for installing the product and the initiation and monitoring of this process. Five thousand copies will be printed.

SB000992

Career Education Center.
Project Director: Lathrop, Robert
Organization: Florida State Univ., Tallahassee.
Contract and/or Control No.: B5-0371

Goals of this ongoing project are to develop a unified set of career education goals and objectives, assess available instructional materials for career education, stimulate development of any new materials that might be needed, and develop implementation strategies for installing the resulting instructional material into schools and adult education units.

SB000993

Continuing Development of LOOM Materials.
Project Director: Berger, Ernest
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 1 Apr 75; End Date 30 Jun 75
Contract and/or Control No.: D5-006

To satisfy the large demand for LOOM instructional materials and evaluation instruments, this project will continue the LOOM centralized procurement, dissemination, and reimbursement system to procure additional LOOM materials for requesting districts for the academic year 1975-76. Project LOOM, A K-8 career awareness learning system, provides practicing elementary school teachers with a successful system for infusing career awareness into their academic curriculum.

Fiscal Year 1976

SB000994 **VTP-2191**

The District Level of the Career Education Consortium Project Funded Through the U.S. Commissioner's Discretionary Exemplary Funds (Continuation).
Project Director: Bellum, C. A.
Organization: Sarasota County School Board, Fla.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: D6-002

This project is being continued to provide further support for district level career education. The objectives are to extend the integration of career education concepts and provide resources to grades 10, 11, 12 and provide specialist assistance and complete placement services to the high school. There will be an increase in career education, placement, and follow-up services personnel.

SB000995 **VTP-2192**

The District Level of the Career Education Consortium Project Funded Through the U.S. Commissioner's Discretionary Exemplary Funds (Continuation).
Project Director: Lee, Raymond
Organization: Manatee County School Board, Bradenton, Fla.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: D6-001

This project is being continued to provide further support for district level career education. The objectives are to extend the integration of career education concepts and provide resources to grades 10, 11, and 12 and provide specialist assistance and complete placement services to the high school There will be an increase in career education, placement and follow-up service personnel.

SB000996 **VTP-2264**

Model for Computerized District Comprehensive Follow-Up Study.
Project Director: Jackson, Leonard D.
Organization: Alachua County School Board, Gainesville, Fla.
Funding Period: Start Date 11 Nov 75; End Date 30 Jun 76
Contract and/or Control No.: D6-004

The objectives of this project are to develop an instrument which fuses alumni and vocational surveys into a follow-up of high school graduates and early leavers and develop a model reporting system to local schools, districts, and the Department of Education. Procedures will include developing a format that will enable the district to provide the needed data for vocational completions, establishing a system of data analyses, and validating the results of the survey.

SB000997 **VTP-2556**

Continuation of Vocational-Technical Education Consortium of States. (V-TECS).
Project Director: Hunter, Wallace
Organization: Florida A and M Univ., Tallahassee.
Funding Period: Start Date 1 Apr 76; End Date 30 Jun 77

The purpose of V-TECS is to develop valid catalogs of performance objectives, criterion-referenced measures, tool and equipment lists, and performance guides for vocational education students. Benefits of the organizational structure include shared costs and minimized duplicatation of effort in curriculum development. This project will hire personnel to direct catalog production.

SB000998 **VTP-2559**

To Continue Participation in U.S. Office of Education Project at Manatee Jr. College. Continuation.
Project Director: Holmbraker, Harry
Organization: Sarasota County School Board, Fla.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: D7-003

This project will continue support for district level career education as a component of the Florida Career Education Consortium Project. The goal of the project is to develop a kindergarten through postsecondary model for the implementation of career education. Emphasized in the following year will be integration of career education at the secondary level, job placement, and follow-up studies.

SB000999

To Continue Participation in U.S. Office of Education Project at Manatee Jr. College.
Project Director: Lee, Raymond F.
Organization: Manatee County School Board, Bradenton, Fla.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: D7-001

This continuation of the Career Education Project in Manatee County will include the following objectives: (1) extending the integration of career education into tenth, eleventh, and twelfth grades; (2) providing resources, specialist assistance and complete placement services; (3) further identifying and assisting school leavers; and (4) collecting school data to provide feedback for curriculum improvement.

SB001000

The Development of a Competency Based Preservice-Inservice Learning System for Vocational Teachers.
Project Director: Lathrop, Robert
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: D7-002

Funds will be used to continue the effort to develop and validate a competency-based preservice/inservice learning system for vocational teachers. This will involve increasing staff to include a specialist in instructional design and development and increasing travel expenses to permit the developed materials to be field tested.

SB001001

Expansion and Demonstration of Vital Information for Education and Work (VIEW) with Computer Service.
Organization: Lee County School Board, Fort Myers, Fla.
Contract and/or Control No.: D6-003

The purpose of this project is to provide job training information for middle and senior high school students to afford them opportunities to gain immediate and convenient access to the most current available information on postsecondary career choices. Through a career card system, information available will include entry-level job requirements and qualifications and job prospects and opportunities, plus information on instructional programs leading to qualifications in the career and schools offering the programs.

SB001002

Develop Individualized Instructional Materials for the Disadvantaged and Handicapped.
Project Director: Rigsby, David
Organization: Duval County School District, Jacksonville, Fla.
Funding Period: Start Date 28 Jun 76; End Date 30 Jun 78
Contract and/or Control No.: D6-006

The goal of this project is to develop personnel and material resources for individualizing instruction for disadvantaged and handicapped secondary level students. Materials to be developed will let learners proceed at their own pace; allow progress based on demonstrated skill; allow open entry/open exit; accommodate absenteeism; allow beginning, intermediate, and advanced students to attend classes during the same hour; and provide students opportunities to achieve program goals.

Fiscal Year 1977

SB001003 **VTP-2673**

Supplemental Funds for Project "Model for Computerized District Comprehensive Follow-Up Study."
Project Director: Jackson, Leonard
Organization: Alachua County School District, Gainesville, Fla.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: D7-005

Extending the efforts of Project D6-004, this project will explore alternative methods of analyzing the data derived from that project and desseminate the results of this exploration. Procedures include contracting extended computer analysis from the University of Florida Computing Center, writing a monograph describing the procedures and results, and disseminating 100 copies of the monograph and final print-outs.

SB001004

Identification and Description of Exemplary and Innovative Practices and Strategies to Provide a More Effective Delivery System for the Handicapped.
Project Director: Hinley, Hugh
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 1 Apr 77; End Date 30 Jun 77
Contract and/or Control No.: D7-019

The purpose of this project is to gather information which will be helpful to local councils in extending vocational education opportunities to the handicapped population they represent. This information will be organized and disseminated to all local councils to facilitate the improvement of their effectiveness in serving the handicapped population.

SB001005

Development of a Demonstration/Simulator for EMT Students.
Project Director: Holmbraker, Harry
Organization: Sarasota County Vocational-Technical Center, Fla.
Funding Period: Start Date 1 Apr 77; End Date 30 Jun 77
Contract and/or Control No.: D7-020

The purpose of this project is to provide a training substation for Emergency Medical Technician (EMT) students to learn necessary skills in a simulated work environment. Specific objectives are to provide experience in the design and construction of equipment for auto-body classes and electrical wiring classes, experiences coordinating the design of an ambulance trainer for the EMT classes, and practice in using a stationary ambulance trainer.

SB001006

Consultative Services for Career Education.
Project Director: Selman, James
Organization: Manatee Junior Coll., Bradenton, Fla.
Funding Period: Start Date 18 Feb 77; End Date 30 Jun 77
Contract and/or Control No.: D7-008

The intent of this project is to provide assistance in the articulation process between the Career Education Consortium project and the Coordinating Council for Vocational Education, Adult General Education and Community Instructional Services for Manatee County School District, Sarasota County School District, and Manatee Junior College.

SB001007 VTP-2821

Campus-Wide Metric Laboratory.
Project Director: Durham, James A.
Organization: Okaloosa-Walton Junior Coll., Niceville, Fla.
Funding Period: Start Date 10 Feb 77; End Date 30 Jun 77
Contract and/or Control No.: D7-007

The purpose of the project is to develop a self-paced metrics laboratory for the use of vocational and technical students, staff, and faculty. Procedures will include providing students with orientation theory and supportive metric activities in the metric laboratory, conducting a workshop on campus for area vocational instructors, using group discussion and filmstrip/cassettes to cover the content of six units, and disseminating metrics data to instructors in the local district.

SB001008 VTP-2825

Establishing and Operating an Advisory Council and Program Service Area Committees for Vocational Teacher Education FIU.
Project Director: Mohamed, Dominic A.
Organization: Florida International Univ., Miami.
Funding Period: Start Date 6 Apr 77; End Date 30 June 77
Contract and/or Control No.: D7-017

The purpose of the project is to establish and operate an advisory council and program service area committees for vocational teacher education. Council members will be selected and trained. They will advise on what activities should be reviewed or conducted for the 1977-78 academic year. Areas of responsibility for outreach activities conducted by vocational and adult education personnel will be identified.

SB001009 VTP-2824

Develop and Test a Plan for Validating Catalogs of Competency in Industrial Arts.
Project Director: Hinley W. Hugh
Organization: Florida State Univ., Tallahassee.
Funding Period: Start Date 24 Mar 77; End Date 30 Jun 77
Contract and/or Control No.: D7-014

The aim of the project is to develop a plan to validate the objectives for competency-based instruction in seven technically oriented courses offered at the secondary level. Ten teachers will rate objectives, the ratings will be computer analyzed, and a workshop will be held to help the director revise the validation plan.

SB001010 VTP-2823

A Demonstration of Inter-Institutional Collaboration for the Design of a Competency-Based Cooperation Program for Teacher Certification.
Project Director: Rehwinkel, Carl H.
Organization: Leon County School District, Tallahassee, Fla.
Funding Period: Start Date 1 Jan 77; End Date 30 Jun 77
Contract and/or Control No.: D7-010

The purpose of the project is to attain collaboration between Leon County and surrounding school districts, the Leon County Teacher Education Center, Florida A & M University, Florida State University, and Tallahassee Community College to develop a cooperative, field-based program of entering teacher preparation and inservice, allowing for possible transfer toward degree credit.

SB001011 VTP-2829

Solar Hot Water System for Heating Plant Propagation Beds.
Project Director: Roberts, Bert R., III
Organization: Washington-Holmes Area Vocational-Technical Center, Chipley, Fla.
Funding Period: Start Date 13 Apr 77; End Date 30 Jun 77
Contract and/or Control No.: D7-018

This project proposes to provide an inexpensive source of energy to heat plant propagating beds and provide students in plumbing and horticulture classes knowledge of possibilities of solar energy use. Procedures will include design and construction of a solar hot water heating system in plant propagating beds and design, construction, and maintenance of the solar hot water system by students.

SB001012 VTP-2827

Human Relations/Communication Module.
Project Director: Roberts, Churchill
Organization: West Florida Univ., Pensacola.
Funding Period: Start Date 1 Jan 77; End Date 30 Jun 77
Contract and/or Control No.: D7-013

The purpose of the project is to field test and evaluate the results of Human Relations/Communication Arts modules and submit revised modules to the State Department of Education for use in training vocational education teachers. Specific modules will be field tested and revised.

SB001013 VTP-2826

The Evaluation of a Vocational Education Program by Potential Major Employers in the Community.
Project Director: Wheeler, Richard
Organization: Gulf Coast Community Coll., Panama City, Fla.
Funding Period: Start Date 1 Mar 77; End Date 30 Jun 77
Contract and/or Control No.: D7-012

The intent of the project is to show the results of an action research study using an evaluation instrument designed to evaluate and assess one vocational education program, the Salesmanship Certificate Program. Specific objectives are to provide the college and students with a description of the job market for salespersons in the local economy, produce a set of realistic expectations for graduates, and obtain a curriculum critique by major employers of salespersons in the area.

SB001014 VTP-2822

Community Outreach.
Project Director: Anderson, Robert C.

Organization: Pinellas County School District, Clearwater, Fla.
Funding Period: Start Date 1 Mar 77; End Date 30 Jun 77
Contract and/or Control No.: D7-011

The purpose of the project is to initiate a program in which students will create displays, advertisements, window signs, and other promotional activities for the local business community. Specific objectives are to make small businessmen aware of the capabilities of students, make small businessmen more competitive in the marketplace, and give an opportunity for employment and a chance to develop skills and confidence to students who have never been gainfully employed.

SB001015 **VTP-2828**

Perpetuate Puppetry.
Project Director: Biggins, Clarice F.
Organization: Volusia County School District, Daytona Beach, Fla.
Funding Period: Start Date 1 Feb 77; End Date 30 Jun 77
Contract and/or Control No.: D7-009

The aim of the project is to guide the child care student through a series of experiences and interactions with community resources to create greater awareness of career possibilities and develop a better self-concept. Procedures will include construction of puppetry materials, taking walking field trips to make observations and present puppet shows and finger plays, hearing community resource speakers and videotaping the presentations, making slides of the above activities and presenting them to parents and feeder school students, and conducting a one-day nursery school.

SB001016

Identification and Description of Exemplary and Innovative Practices in Vocational Education for Recruiting the Disadvantaged Illiterate Learner.
Project Director: Mohr, Paul
Organization: Florida A and M Univ., Tallahassee.
Funding Period: Start Date 1 Apr 77; End Date 30 Jun 77
Contract and/or Control No.: D7-021

The purpose of this project is to identify, describe, and document those exemplary practices deemed most successful in recruiting the disadvantaged illiterate to the Individualized Manpower Training System progression. Exemplary recruiting practices will be organized and spelled out in a handbook which will be presented to the Division of Vocational Education.

SB001017

Identification and Description of Exemplary Practices in Vocational Education for Recruiting Early School Leavers for Manpower Training and Job Placement in Selected Institutions in Florida.
Project Director: Mohr, Paul
Organization: Florida A and M Univ., Tallahassee.
Funding Period: Start Date 1 Apr 77; End Date 30 Jun 77
Contract and/or Control No.: D7-022

The objective of this project is to identify, describe, and document those exemplary practices deemed most successful in recruiting early school leavers, ages sixteen to twenty-five, to manpower training programs and job placement. Exemplary recruiting practices will be collected and organized in a handbook which will be presented to the Division of Vocational Education.

GEORGIA

Part C

Fiscal Year 1971

SB001018 **VTP-141**

The Development of an Individualized Instructional System for Selected Multi-Occupational Programs in the Area Vocational High Schools of Georgia.
Project Director: Frantz, Nevin R., Jr.
Organization: Georgia Univ., Athens. Div. Of Vocational Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to provide an individualized instructional system for multi-occupational programs in the area vocational high schools. The system should enable students to obtain job-entry competencies in a number of related occupations by providing for individual options with respect to objectives, instructional modes, and evaluation devices.

SB001019 **VTP-116**

A Proposal to Develop Five Mathematics Courses for Vocational Education Purposes.
Project Director: Bergstrahl, Kermit L.
Organization: Roy Jorgensen Associates, Inc., Gaithersburg, Md.
Funding Period: Start Date 1 Jul 71; End Date 31 Aug 72

The objective of this project is to develop a course of mathematics for five occupational clusters through which mathematics instructors will be able to provide individualized instruction to vocational students. Criteria for course development require that each course be designed so that each student can be taught on an individualized basis, and be set forth in terms appropriate to the students' needs and to the respective vocations.

SB001020 **VTP-139**

Developing and Piloting a Program of Individualized Instructional Systems for Five Post-Secondary Vocational Offerings in the Field of Trade and Technical Education.
Project Director: O'Kelley, George L., Jr.
Organization: Georgia Univ., Athens. Div. of Vocational Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

Pilot individualized instructional systems will be developed which may lead to a better understanding of the ways that student instructional needs can be met. To complete the project, five postsecondary area vocational and technical schools will be selected to participate. Existing individualized instructional materials and equipment will be identified and evaluated, and complete individualized instructional systems will be developed.

SB001021 **VTP-137**

The Development and Implementation of a Core of Individualized Instructional Packages Providing a Marketing Option for Students Enrolled in Non-Marketing Programs in Post-Secondary Area Vocational-Technical Schools.
Project Director: Sanders, Lester E.
Organization: Georgia Univ., Athens. Dept. of Distributive Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to identify a core of marketing concepts which will provide non-marketing students an option in distributive occupations in fields related to their technical preparation trade, industrial, and technical programs. Individualized instructional packages will be developed and made available to help prepare these students for a marketing career in a field related to their technical training.

SB001022 **VTP-138**

A Curriculum Research Project: A Career Development Program in the Elementary School.
Organization: Georgia State Dept. of Education, Atlanta.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The intent of the project is to test the concept that emphasis upon career orientation and development will involve students in the realization of their educational objectives. Also, a model will be developed which will enable the instructional staff to determine whether the fusion of a general sequence of exploratory occupational and career development experiences with the present curriculum will achieve the desired objectives.

SB001023 **VTP-136**

Survey of Employment Opportunities, Career Ladders and Training Requirements for Vocational Basic Job Clusters with Projections of Job Openings and Training Requirements to 1976.
Project Director: Fulmer, John L.
Organization: Georgia Inst. of Tech., Atlanta. Coll. of Industrial Management.
Funding Period: Start Date 1 Jul 71; End Date 31 Dec 72

The objectives of this project are to determine the current employment, future employment expected, job openings, and training needs for the specific jobs constituting the sixteen job clusters in the vocational education training program. The information will be obtained from a questionnaire mailed to a sample of employers. Also, the typical job ladders in each job cluster will be determined and various data on each job will be collected.

SB001024 **VTP-140**

Developing and Piloting a Model Counseling Program for an Area Vocational-Technical School's Part-Time Adult Students.
Project Director: Shelnutt, Robert G.
Organization: Athens Area Vocational-Technical School, Ga.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of the project will be to develop a media-oriented, individualized, counseling-program model for part-time adult students at the area vocational and technical school. The program will be developed around the four major decision points an adult encounters in vocational and technical education. A functional model for dissemination of the basic units will be developed.

SB001025 **VTP-134**

Operation Guidance: Field Testing of a Model for Applying the Systems Approach in Upgrading Career Guidance Programs.
Project Director: Suzuki, Warren N.
Organization: Ohio State Univ., Columbus. Center for Vocational and Technical Education.
Funding Period: Start Date 1 Jan 71; End Date 31 Oct 73

The purpose of this project is to complete the development of a prototype methodology for upgrading guidance programs. This will be accomplished by taking advantage of new advances to overcome past shortcomings and by field testing and completing development of a procedural package for installing and employing a systems approach in career guidance programs.

SB001026 VTP-135

Occupational Information Center for Education-Industry.
Project Director: Johnson, Beverly
Organization: Atlanta Board of Education, Ga.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The research project will serve seven metropolitan school systems with primary vocational-guidance services and will serve all other school systems in the state with vocational-guidance materials. Materials prepared will provide information that will be useful to disadvantaged students.

SB001027 VTP-541

Establishment of a Systematic Internship Program for University of Georgia Vocational Education Doctoral Candidates to Work Part-Time for the State Board of Education, Vocational Division.
Organization: Georgia Univ., Athens. Div. of Vocational Education.
Funding Period: Start Date 1 Oct 71; End Date 30 Jun 72

This project seeks to provide cooperative action in implementing and operating a program of vocational education research in the establishment of a systematic internship program. University of Georgia vocational education doctoral candidates will work part time for the State Board of Education, Vocational Education Division.

SB001028 VTP-540

Establishment of a Research and Dissemination Component in the Vocational Education Division of the University of Georgia.
Organization: Georgia Univ., Athens. Div. of Vocational Education.
Funding Period: Start Date 16 Sep 71; End Date 30 Jun 72

This project seeks to provide cooperative action in implementing and operating a program of vocational education research. A research and dissemination component will be established in the Vocational Education Division of the University of Georgia.

SB001029

Differential Staffing Project for a Post-Secondary School.
Project Director: Powell, J. D.
Organization: Coosa Valley Vocational Technical School, Ga.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72.

The intent of this project is to conduct a pilot program in differentiated staffing. The project will involve four departments: Metals-Mechanical, Health-Home Economics-Cosmetology, Business Education, and Electrical-Electronics. Areas of work will involve coring common courses, identifying new job titles within each department, developing criteria for selection of aides and a master teacher, and devising an implementation schedule. A short survey of current literature will be conducted.

SB001030

Developing an Individualized Training Program to Teach Instructors to Become Managers of the Learning Process.
Project Director: Strickland, A. G.
Organization: Lockheed-Georgia Co., Marietta.
Funding Period: Start Date 1 Oct 71; End Date 30 Jun 72
Contract and/or Control No.: 7223

The intent of this project is to develop and field test an individualized system for teaching vocational instructors to use individualized instruction approaches as part of their classroom techniques. The field testing will take place in three secondary vocational schools and in five postsecondary area vocational-technical schools.

SB001031

The Complete Packaging of an Individualized Machine Shop Program for Post-Secondary Schools.
Organization: Lockheed-Georgia Co., Marietta.

The intent of this project is to develop and field test an individualized system for teaching vocational instructors to use individualized instruction approaches as part of their classroom techniques. The field testing will take place in three secondary vocational schools and in five postsecondary area vocational-technical schools.

Fiscal Year 1972

SB001032

The Development of an Individualized Instructional System for Selected Multi-Occupational Programs in the Area Vocational High Schools of Georgia.
Project Director: Frantz, Nevin R., Jr.
Organization: Georgia Univ., Athens. Div. Of Vocational Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to provide an individualized instructional system for multi-occupational programs in the area vocational high schools. The system should enable students to obtain job-entry competencies in a number of related occupations by providing for individual options with respect to objectives, instructional modes, and evaluation devices.

SB001033

Operation Guidance.
Project Director: Johnson, Beverly
Organization: Atlanta Board of Education, Ga.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to operate the Occupational Information Center for Education. Center functions include collecting information and data from industrial and business organizations and making it availale, especially to disadvantaged students, and developing, mimeograhing, and distributing a monthly list of career materials available to educators free upon request. The Center will provide primary guidance services to seven metropolitan Atlanta schools and vocational guidance materials to all other Georgia school systems.

SB001034

Occupational Information Center for Education-Industry.
Project Director: Johnson, Beverly
Organization: Atlanta Board of Education, Ga.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The research project will serve seven metropolitan school systems with primary vocational-guidance services and will serve all other school systems in the state with vocational-guidance materials. Materials prepared will provide information that will be useful to disadvantaged students.

SB001035

Developing an Individualized Training Program to Teach Instructors to Become Managers of the Learning Process.
Project Director: Strickland, A. G.
Organization: Lockheed-Georgia Co., Marietta.
Funding Period: Start Date 1 Oct 71; End Date 30 Jun 72

The intent of this project is to develop and field test an individualized system for teaching vocational instructors to use individualized instruction approaches as part of their classroom techniques. The field testing will take place in three secondary vocational schools and in five postsecondary area vocational-technical schools.

SB001036

The Complete Packaging of an Individualized Machine Shop Program for Post-Secondary Schools.
Organization: Lockheed-Georgia Co., Marietta.

The intent of this project is to develop and field test an individualized system for teaching vocational instructors to use individualized instruction approaches as part of their classroom techniques. The field testing will take place in three secondary vocational schools and in five postsecondary area vocational-technical schools.

SB001037

Participation in an Interstate Distributive Education Curriculum Project.
Organization: De Kalb County Board of Education, Decatur, Ga.

The purpose of this project is to enable cooperative action in implementing and operating a program which involves developing a distributive education curriculum based upon the principles of individualized instruction. De Kalb Community College and the State Board for Vocational Education will be involved in the project.

SB001038

The Development of an Individualized Instructional System for Selected Multi-Occupational Programs in the Area Vocational High Schools of Georgia.
Project Director: Frantz, Nevin R., Jr.
Organization: Georgia Univ., Athens. Div. Of Vocational Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to provide an individualized instructional system for multi-occupational programs in the area vocational high schools. The system should enable students to obtain job-entry competencies in a number of related occupations by providing for individual options with respect to objectives, instructional modes, and evaluation devices.

SB001039

Projects Designed to Develop Region Teacher Training Institutes.
Organization: Georgia Southern Coll., Statesboro.

Descriptive information unavailable.

SB001040

Career Education Film.
Organization: Georgia Univ., Athens. Georgia Center for Continuing Education.

This project will produce a thirty-minute sound and color film that accurately defines Georgia's approach to career education, using as its focus outstanding examples of career education programs in Georgia.

SB001041

Study of Student Financial Aid in Georgia for Post-Secondary Students Especially to Include Vocational and Technical Students.
Organization: Executive Branch of the State of Georgia.

Descriptive information unavailable.

Fiscal Year 1973

SB001042

Ten Elementary Career and Self Awareness Projects.
Organization: Georgia State Dept. of Education, Atlanta.

This project seeks to prepare elementary teachers and counselors to fuse career development activities into the curriculum of ten Georgia counties: Dekalb, Bacon, Newton, Clayton, Madison, Crawford, Telfair, Whitfield, Crady and Savannah-Chatham. The project will test the concept that emphasis on career orientation, the world of work, will help students realize their educational and career objectives.

SB001043

Manpower Survey to Identify Career Ladders and Training Requirements for the Georgia Vocational Clusters.
Project Director: Baker, Harry L., Jr.
Organization: Georgia Inst. of Tech., Atlanta. Industrial Management Center.
Funding Period: Start Date 16 Jun 71; End Date 30 Dec 72

This project intends to produce, through research and data collecting, 100 printed copies of a study, "Projected Employment Demands and Possible Career Ladders for Secondary Vocational Clusters," and five brochures describing in detail sixteen job clusters in five families. The descriptions will include entry-level tasks, entry-level jobs, career ladders, and the projected demand within each cluster.

SB001044

Development and Field Testing of an Individualized Instructional System for Selected Multi-Occupational Programs in the Georgia Area Vocational High School (Phase I a).
Project Director: Frantz, Nevin R., Jr.
Organization: Georgia Univ., Athens. Div. Of Vocational Education.

The purpose of this project is to field test an individualized instructional system for multi-occupational programs in the area vocational high schools. The system should enable students to obtain job-entry competencies in a number of related occupations by providing for individual options with respect to objectives, instructional modes, and evaluation devices.

SB001045

Developing and Piloting a Program of Individualized Instructional Systems for Post Secondary Offerings in the Field of Trade and Industrial Education (Phase I b).
Project Director: Sanders, Lester E.
Organization: Georgia Univ., Athens. Coll. of Education.

Acting pursuant to the need to develop and pilot a core of individualized instructional packages in marketing and distribution for post-secondary schools, this project will seek to produce a teacher's guide and individualized instructional packages about the problems of initiating small businesses and of financial and administrative control, the problems of marketing, and the problems of management of business operations.

SB001046

Operation Guidance.
Project Director: Johnson, Beverly
Organization: Atlanta City School System, Ga.

The purpose of this project is to operate the Occupational Information Center for Education. Center functions include collecting information and data from industrial and business organizations and making it available, especially to disadvantaged students, and developing, mimeographing, and distributing a monthly list of career materials available to educators free upon request. The Center will provide primary guidance services to seven metropolitan Atlanta schools and vocational guidance materials to all other Georgia school systems.

SB001047

Establishment of a Research and Dissemination Component in the Vocational Education Division of the University of Georgia.
Organization: Georgia Univ., Athens. Div. of Vocational Education.

This project seeks to provide cooperative action in implementing and operating a program of vocational education research. A research and dissemination component will be established in the Vocational Education Division of the University of Georgia.

SB001048

Establishment of a Systematic Internship Program for University of Georgia Vocational Education Doctoral Candidates to Work Part-Time for the State Board of Education, Vocational Division.
Organization: Georgia Univ., Athens. Div. of Vocational Education.

This project seeks to provide cooperative action in implementing and operating a program of vocational education research in the establishment of a systematic internship program. University of Georgia vocational education doctoral candidates will work part time for the State Board of Education, Vocational Education Division.

SB001049

Developing Programmed Materials to Train Vocational Instructors to Develop Individualized Instructional Materials.
Organization: Lockheed-Georgia Co., Marietta.

Descriptive information unavailable.

SB001050

Developing a Self Paced Machine Shop Program.
Organization: Marietta City Board of Education, Ga.

Descriptive information unavailable.

SB001051

DE Consortium.
Project Director: Cherry, Jim
Organization: De Kalb County Board of Education, Decatur, Ga.
Funding Period: Start Date 22 Feb 72; End Date 1 Sep 73

Acting pursuant to the need to develop a distributive education curriculum based upon the principles of individualized instruction, this project will seek to produce and evaluate ninety-four individualized self-study Learning Activity Packs for management training.

SB001052

Career Education Film.
Organization: Georgia Univ., Athens. Georgia Center for Continuing Education.

This project will produce a thirty-minute sound and color film that accurately defines Georgia's approach to career education, using as its focus outstanding examples of career education programs in Georgia.

SB001053

New Curriculum Project.
Organization: Georgia Univ., Athens. Div. of Vocational Education.

Descriptive information unavailable.

SB001054

Developing and Piloting a Program of Individualized Instructional Systems for Five Post-Secondary Vocational Offerings in the Field of Trade and Technical Education.
Project Director: O'Kelley, George L., Jr.
Organization: Georgia Univ., Athens. Div. of Vocational Education.

Pilot individualized instructional systems will be developed which may lead to a better understanding of the ways that student instructional needs can be met. To complete the project, five postsecondary area vocational and technical schools will be selected to participate. Existing individualized instructional materials and equipment will be identified and evaluated, and complete individualized instructional systems will be developed.

SB001055

Competency-Based Teacher Preparation Project.
Organization: Georgia Univ., Athens.

This project will attempt, through research and data retrieval, to determine the competencies of teachers of vocational education, to write performance objectives and measurement procedures for each of the identified and validated competencies, and then to develop a competency certification program for vocational teachers in Georgia.

SB001056

V-TECS Consortium.
Organization: Southern Association of Colleges and Schools, Atlanta, Ga.
Funding Period: Start Date 1 Jun 73; End Date 30 Jun 74

This project will seek, through the combined efforts of the Georgia State Board for Vocational Education and the Multi-State Consortium for the Production of Performance Objectives and Criterion Referenced Measures in Occupational Education, to develop, validate, and field test performance objectives and supporting criterion-referenced measures for each performance objective in occupational courses.

SB001057

Production Shop Program for Industrial Arts Staff Development Projects in Two Sites.
Organization: Community Resources Unlimited, Tulsa, Okla.

This project will attempt to evaluate sixteen schools' "Action" programs and to provide written recommendations for program improvement, present the "Action" concept to the Georgia Association of Industrial Arts Teachers' Conference and to the Georgia Association of Industrial Arts Students' Club, and conduct a three-day workshop to train fifty industrial arts teachers in the use of the "Action" program.

Fiscal Year 1974

SB001058

Task Analysis of Machine Shop and Data Processing.
Organization: Darden Research Corp., Atlanta, Ga.

This project will seek to produce 210 completed task list booklets each for machinists and computer workers based upon the opinions of 190 randomly selected computer workers and 192 randomly selected machinists.

SB001059

Competency-Based Teacher Education and Certification Project Phase I.
Organization: Georgia Univ., Athens. Div. of Vocational Education.

This project will attempt, through research and data retrieval, to determine the competencies of teachers of vocational education, to write performance objectives and measurement procedures for each of the identified and validated competencies, and then to develop a competency certification program for vocational teachers in Georgia.

SB001060

Diffusion Project.
Organization: Valdosta State Coll., Ga.

Descriptive information unavailable.

SB001061 VTP-1608

Developing, Field Testing and Demonstrating the Public Services Cluster Curriculum.
Organization: Gwinnett County Schools, Lawrenceville, Ga.
Funding Period: Start Date 1 Aug 74; End Date 31 Jul 77

The objectives of this project are to adopt and adapt the California Public Services Cluster Curriculum to the local vocational program, offer at least one exploratory course for the Public Service field, develop a year-long prevocational course for the Public Service Cluster, and develop a work-experience dimension that would allow the community to serve as the laboratory for this cluster.

SB001062

Mini-Grant.
Project Director: Bottoms, Gene
Organization: Colquitt County Board of Education, Moultrie, Ga.
Funding Period: Start Date 5 Aug 74; End Date 30 Jun 75
Contract and/or Control No.: 7322

This project authorizes a mini-grant to establish a career education program covering grades K-6 for the Colquitt County Board of Education in Moultrie, Georgia.

SB001063

Mini-Grant.
Project Director: Bottoms, Gene
Organization: Greene County Board of Education, Greensboro, Ga.
Funding Period: Start Date 5 Aug 74; End Date 30 Jun 75
Contract and/or Control No.: 7323

The purpose of this project is to establish a basic skills through practical arts program by the Greene County Board of Education in Greensboro, Georgia.

SB001064

Vocational Reading Program.
Project Director: Bottoms, Gene
Organization: Hancock County Board of Education, Sparta, Ga.
Funding Period: Start Date 5 Aug 74; End Date 30 Jun 75
Contract and/or Control No.: 7324

This funding will be used by the Hancock County Board of Education in Sparta, Georgia to establish an occupational structured reading program.

SB001065

Mini-Grant.
Project Director: Bottoms, Gene
Organization: Oconee County Board of Education, Watkinsville, Ga.
Funding Period: Start Date 5 Aug 74; End Date 30 Jun 75
Contract and/or Control No.: 7325

The Oconee County Board of Education in Watkinsville, Georgia will seek to set up a job placement program under this project.

SB001066

Mini-Grant.

Project Director: Bottoms, Gene
Organization: Union County Board of Education, Blairsville, Ga.
Funding Period: Start Date 5 Aug 74; End Date 30 Jun 75
Contract and/or Control No.: 7326

The Union County Board of Education in Blairsville, Georgia seeks to establish a Program of Education and Career Exploration under this project.

SB001067

V-TECS Consortium.
Project Director: Hirst, Ben, Jr.
Organization: Southern Association of Colleges and Schools, Atlanta, Ga.
Funding Period: Start Date 1 May 74; End Date 30 Jun 75

The purpose of this continuing project is to provide for the development of catalogs of performance objectives and criterion-referenced measures in occupational education in Georgia. These catalogs and measures, once developed, will be shared with other members of the Vocational-Techical Education Consortium of States (V-TECS). In return, V-TECS will help administer and monitor implemented programs.

SB001068

Developing and Implementing the Fine Arts Cluster - Phase I.
Organization: Muscogee County Board of Education, Columbus, Ga.
Funding Period: Start Date 5 Dec 74; End Date 30 Jun 75

This project will seek to formulate an in-depth career education curriculum in the field of fine arts for grades K-12. Project objectives include defining the broad cluster areas of music, drama, art, and creative writing; surveying available resources of competent instructor personnel, school and community facilities, and equipment; and developing a staffing pattern and scheduling procedure.

SB001069

Mini-Grant.
Project Director: Bottoms, Gene
Organization: Charlton County Board of Education, Folkston, Ga.
Funding Period: Start Date 5 Aug 74; End Date 30 Jun 75
Contract and/or Control No.: 7327

The Charlton County Board of Education in Folkston, Georgia will seek to establish a basic skills through practical arts program under this project.

SB001070

Mini-Grant.
Project Director: Bottoms, Gene
Organization: Effingham County Board of Education, Springfield, Ga.
Funding Period: Start Date 5 Aug 74; End Date 30 Jun 75
Contract and/or Control No.: 7328

Through this project, the Effingham County Board of Education in Springfield, Georgia will attempt to establish a program of self-actualization through humanized communication and career orientation.

Fiscal Year 1975

SB001071

Design and Implementation of a Vocational-Industrial Arts Teachers Training Program at Valdosta State College.
Organization: Valdosta State Coll., Ga.
Funding Period: Start Date 22 Apr 74; End Date 30 Jun 75

This project seeks to assist vocational education personnel in Southwest Georgia in adopting and adapting new techiques of instruction and in presenting new vocational education programs developed in earlier projects. Specific objectives include surveying the Southwest Georgia area to identify current and projected staff development needs of both the leadership and instructional personnel involved in vocational and career education programs.

SB001072 *VTP-1605*

A Comprehensive Project to Develop Individualized Instructional Packages and Other Related Materials, for Georgia Coordinated Vocational Academic Education (CVAE) Students.
Project Director: Cheshire, H. R.
Organization: Georgia Southern Coll., Statesboro.
Funding Period: Start Date 15 Jun 74; End Date 31 Jul 75

The objectives of this project are to select from available sources those objectives that have direct application to Coordinated Vocational Academic Education (CVAE); organize writing teams to prepare instructonal packages; validate all packages in terms of relevance to the stated objective, total content, and utility; and provide for the reproduction of all developed materials. This project will involve approximately fifty CVAE academic team teachers or coordinators.

SB001073

APPS-Applied Program of Public Service.
Organization: Gwinnett County School System, Suwanee, Ga.

APPS is designed to develop, field test, and demonstrate a public service cluster curriculum. At North Gwinnett High School, the project will develop a comprehensive delivery system, including activities for all school levels and featuring a co-op dimension, and develop instructional content for all levels.

SB001074

V-TECS (Vocational-Technical Education Consortium of States).
Organization: Southern Association of Colleges and Schools, Atlanta, Ga.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 7337

The purpose of this continuing project is to provide for the development of catalogs of performance objectives and criterion-referenced measures in occupational education of Georgia. These catalogs and measures, once developed, will be shared with other members of the Vocational-Technical Education Consortium of States (V-TECS). In return, V-TECS will help administer and monitor implemented programs.

Fiscal Year 1976

SB001075

A Project for the Development and Production of Performance Objectives and Criterion Referenced Measures in Occupational Education Through Continued Membership in the Vocational-Technical Consortium of States.
Organization: Southern Association of Colleges and Schools, Atlanta, Ga.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 1008

The purpose of this continuing project is to provide for the development of catalogs of performance objectives and criterion-referenced measures in occupational education in Georgia. These catalogs and measures, once developed, will be shared with other members of the Vocational-Technical Educational Consortium of States (V-TECS). In return, V-TECS will help administer and monitor implemented programs.

SB001076

Development of Performance Objectives and Criterion Referenced Measures for Vocational Programs.
Organization: West Georgia Coll., Carrollton. Dept. of Education.

This project will develop V-TECS catalogs for data processing and emergency medical technician.

SB001077

APPS-Applied Program of Public Service.
Organization: Gwinnett County School System, Suwanee, Ga.

APPS is designed to develop, field test, and demonstrate a public service cluster curriculum. At North Gwinnett High School, the project will develop a comprehensive delivery system, including activities for all school levels and featuring a co-op dimension, and develop instructional content for all levels.

SB001078

The Adoption of an Individualized Program for Georgia's Area Vocational Technical Schools.
Organization: Athens Area Vocational-Technical School, Ga.

This project aims to adopt the concepts and materials of the Individual Prescribed Instruction Program for Adults to provide for both development and remediation of basic education skills for individuals enrolling in various programs of the area vocational and technical schools.

SB001079

Criterion Referenced Test Development.
Organization: Georgia State Dept. of Education, Atlanta.

Descriptive information unavailable.

Fiscal Year 1977

SB001080 VTP-2831

Developing, Field Testing and Demonstrating Vocational Evaluation Instruments for Local Evaluation of Occupational Training Programs.
Project Director: Shelnutt, Robert
Organization: Clarke County Schools, Athens, Ga.
Funding Period: Start Date 1 Apr 77; End Date 31 Mar 78

This project seeks to provide an instrument to evaluate and, thus, improve local occupational training programs. The model will identify criteria for staff development programs for instructors and administrators; identify strengths and weaknesses in the program and its administrative and support services; and assist administrators in collecting, analyzing, and utilizing data for effective decision making in the use of staff, equipment, physical facilities, and financial resources.

SB001081 VTP-2797

The Design, Development and Implementation of a Remedial Program for Area Vocational and Technical Schools.
Project Director: Hobbs, W. W.
Organization: Moultrie Area Vocational-Technical School, Ga.
Funding Period: Start Date 1 Feb 77; End Date 30 Jun 77

This project seeks to design, develop and implement a remedial program for area vocational and technical schools, utilizing a developmental laboratory which features the individualized instructional approach. The program will be geared to those individuals who fail, by not more than two grade levels, to meet entry standards into regular programs and will provide vocational guidance.

SB001082 VTP-2832

Development of Office Applications Demonstration Laboratory for Area Vocational-Technical Schools.
Project Director: Leverette, L. L.
Organization: Georgia State Dept. of Education, Atlanta.
Funding Period: Start Date 1 Feb 77; End Date 1 Feb 78

This project seeks to develop and operate an office simulations laboratory. Procedures will include (1) identifying tasks common to most offices, (2) setting up an office learning environment, (3) determining the most effective interoffice communications system for training students, (4) identifying and assembling teacher and student software, and (5) establishing five office applications demonstration centers.

SB001083 VTP-2830

Developing, Field Testing and Demonstrating the Comprehensive High School Instructional Business Data Processing Cluster Curriculum.
Project Director: Richardson, Jere
Organization: Muscogee County Board of Education, Columbus, Ga.
Funding Period: Start Date 1 Feb 77; End Date 1 Feb 78

This three-year project seeks to design and implement a student-centered curriculum for a business data processing program, furnishing fifty copies of the curriculum guide to the State Department of Education. Procedures will include performing a task analysis of each of the data processing occupations and preparing general objectives for each set of tasks; determining the availability of potential jobs, training stations, and resource personnel; and researching the current literature.

SB001084

V-TECS Catalog Development.
Organization: West Georgia Coll., Carrolton.

The goal of this project is to develop V-TECS catalogs in the fields of appliance repair and electronic technician.

SB001085

Community Based Vocational Education: An Alternative Approach to Comprehensive High School.
Organization: Glynn County Board of Education, Brunswick, Ga.

The goal of this project is to develop and put into operation an alternative to traditional high school vocational programs. The project will enable non-paid students to acquire entry level job skills at work sites in the community.

Part D

Fiscal Year 1970

SB001086

Program of Education and Career Exploration (P.E.C.E.).
Organization: Georgia State Dept. of Education, Atlanta.

The Program of Education and Career Exploration is designed to provide junior high students opportunities to (1) learn respect for work and workers, (2) engage in hands-on exploratory work experiences in six broad categories of work, (3) develop self- and occupational awareness, (4) earn related educational requirements, (5) develop positive work attitudes and habits, and (6) gain experience in career decision making and goal setting.

Fiscal Year 1971

SB001087

Program of Education and Career Exploration (P.E.C.E.).
Organization: Georgia State Dept. of Education, Atlanta.

The Program of Education and Career Exploration is designed to provide junior high students opportunities to (1) learn respect for work and workers, (2) engage in hands-on exploratory work experiences in six broad categories of work, (3) develop self- and occupational awareness, (4) earn related educational requirements, (5) develop positive work attitudes and habits, and (6) gain experience in career decision making and goal setting.

Fiscal Year 1972

SB001088

Program of Education and Career Exploration (P.E.C.E.).
Organization: Georgia State Dept. of Education, Atlanta.

The Program of Education and Career Exploration is designed to provide junior high students opportunities to (1) learn respect for work and workers, (2) engage in hands-on exploratory work experiences in six broad categories of work, (3) develop self- and occupational awareness, (4) earn related educational requirements, (5) develop positive work attitudes and habits, and (6) gain experience in career decision making and goal setting.

Fiscal Year 1973

SB001089

Program of Education and Career Exploration (P.E.C.E.).
Organization: Georgia State Dept. of Education, Atlanta.

The Program of Education and Career Exploration is designed to provide junior high students opportunities to (1) learn respect for work and workers, (2) engage in hands-on exploratory work experiences in six broad categories of work, (3) develop self- and occupational awareness, (4) earn related educational requirements, (5) develop positive work attitudes and habits, and (6) gain experience in career decision making and goal setting.

Fiscal Year 1974 - No Projects Reported

Fiscal Year 1975

SB001090

Diffusion of Career Education.
Organization: Georgia Univ., Athens.

This project intends to provide technical assistance in career education to local school systems in the geographic region served by the University of Georgia. Establishment of a career education resource center and direction of staff development activities will be among the primary services provided.

SB001091

Diffusion of Career Education.
Organization: Georgia State Univ., Atlanta.

This project intends to provide technical assistance in career education to local school systems in the geographic region served by Georgia State University. Establishment of a career education resource center and direction of staff development activities will be among the primary services provided.

SB001092

Diffusion of Career Education.
Organization: West Georgia Coll., Carrollton.

This project intends to provide technical assistance in career education to local school systems in the geographic region served by West Georgia College. Project services will include establishment of a career education resource center, direction of staff development activities, and development of a resource guide for grades 4-8.

SB001093

Diffusion of Career Education.
Organization: Valdosta State Coll., Ga.

This project intends to provide technical assistance in career education to local school systems in the geographic region served by Valdosta State College. Project services will include establishment of a career education resource center, direction of staff development activities, and development of a resource guide for grades K-3.

SB001094

Diffusion of Career Education.
Organization: Georgia Southern Coll., Statesboro.

Descriptive information unavailable.

SB001095

Evaluation of In-Service Training for Job Placement Programs.
Organization: University System of Georgia, Atlanta. Board of Regents.
Funding Period: Start Date 16 Mar 74; End Date 31 Dec 74

The purposes of this project are to evaluate existing job placement programs in Georgia and to develop a model to be used to evaluate future job placement programs. To this end, the perceptions of school personnel, students, and employers regarding job placement and the data on results of job placement will be tabulated and presented in a final report.

SB001096

Georgia Job Placement Program.
Organization: Appling County School District, Basley, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001097

Georgia Job Placement Program.
Organization: Bacon County School District, Alma, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001098

Georgia Job Placement Program.
Organization: Baldwin County School District, Milledgeville, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001099

Georgia Job Placement Program.
Organization: Bibb County School District, Macon, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001100

Georgia Job Placement Program.
Organization: Brooks County School District, Quitman, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001101

Georgia Job Placement Program.
Organization: Burke County School District, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001102

Georgia Job Placement Program.
Organization: Calhoun County School District, Morgan, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001103

Georgia Job Placement Program.
Organization: Catoosa County School District, Ringgold, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and

program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001104

Georgia Job Placement Program.
Organization: Chatham County School District, Savannah, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001105

Georgia Job Placement Program.
Organization: Chattooga County School District, Summerville, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001106

Georgia Job Placement Program.
Organization: Cherokee County School District, Canton, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001107

Georgia Job Placement Program.
Organization: Clarke County School District, Athens, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001108

Georgia Job Placement Program.
Organization: Clayton County School District, Jonesboro, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001109

Georgia Job Placement Program.
Organization: Crawford County School District, Roberta, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001110

Georgia Job Placement Program.
Organization: DeKalb County School District, Decatur, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001111

Georgia Job Placement Program.
Organization: Dougherty County School District, Albany, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001112

Georgia Job Placement Program.
Organization: Douglas County School District, Douglasville, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001113

Georgia Job Placement Program.
Organization: Early County School District, Blakely, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001114

Georgia Job Placement Program.
Organization: Fayette County School District, Fayetteville, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001115

Georgia Job Placement Program.
Organization: Forsyth County School District, Cumming, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001116

Georgia Job Placement Program.
Organization: Gwinnett County School District, Lawrenceville, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001117

Georgia Job Placement Program.
Organization: Habersham County School District, Clarkesville, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001118

Georgia Job Placement Program.
Organization: Hall County School District, Gainesville, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001119

Georgia Job Placement Program.
Organization: Haralson County School District, Buchanan, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001120

Georgia Job Placement Program.
Organization: Henry County School District, McDonough, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001121

Georgia Job Placement Program.
Organization: Houston County School District, Perry, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001122

Georgia Job Placement Program.
Organization: Jefferson County School District, Louisville, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001123

Georgia Job Placement Program.
Organization: Laurens County School District, Dublin, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001124

Georgia Job Placement Program.
Organization: Madison County School District, Danielsville, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001125

Georgia Job Placement Program.
Organization: Muscogee County School District, Columbus, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001126

Georgia Job Placement Program.
Organization: Newton County School District, Covington, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001127

Georgia Job Placement Program.
Organization: Oglethorpe County School District, Lexington, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001128

Georgia Job Placement Program.
Organization: Paulding County School District, Dallas, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001129

Georgia Job Placement Program.
Organization: Pickens County School District, Jasper, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001130

Georgia Job Placement Program.

Organization: Polk County School District, Cedartown, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001131

Georgia Job Placement Program.
Organization: Putnam County School District, Eatonton, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001132

Georgia Job Placement Program.
Organization: Randolph County School District, Cuthbert, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001133

Georgia Job Placement Program.
Organization: Rockdale County School District, Conyers, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001134

Georgia Job Placement Program.
Organization: Spalding County School District, Griffin, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001135

Georgia Job Placement Program.
Organization: Stephens County School District, Toccoa, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001136

Georgia Job Placement Program.
Organization: Stewart County School District, Lumpkin, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001137

Georgia Job Placement Program.
Organization: Taylor County School District, Butler, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001138

Georgia Job Placement Program.
Organization: Thomas County School District, Thomasville, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001139

Georgia Job Placement Program.
Organization: Walker County School District, Lafayette, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001140

Georgia Job Placement Program.
Organization: Walton County School District, Monroe, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001141

Georgia Job Placement Program.
Organization: Washington County School District, Sandersville, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001142

Georgia Job Placement Program.
Organization: Wayne County School District, Jesup, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001143

Georgia Job Placement Program.
Organization: Wheeler County School District, Alamo, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and

program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001144

Georgia Job Placement Program.
Organization: White County School District, Cleveland, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001145

Georgia Job Placement Program.
Organization: Whitfield County School District, Dalton, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001146

Georgia Job Placement Program.
Organization: Wilkes County School District, Washington, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001147

Georgia Job Placement Program.
Organization: Worth County School District, Sylvester, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001148

Georgia Job Placement Program.
Organization: Calhoun City School District, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001149

Georgia Job Placement Program.
Organization: Dalton City School District, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001150

Georgia Job Placement Program.
Organization: Marietta City School District, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001151

Georgia Job Placement Program.
Organization: Rome City School District, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001152

Georgia Job Placement Program.
Organization: Thomasville City School District, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001153

Georgia Job Placement Program.
Organization: Valdosta City School District, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001154

Georgia Job Placement Program.
Organization: Waycross City School District, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001155

Georgia Job Placement Program.
Organization: Camden County School District, Kingsland, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

SB001156

Georgia Job Placement Program.
Organization: Coweta County School District, Newnan, Ga.

The Georgia Placement Program will emphasize career planning and provide opportunities in the community for students to test and readjust career plans. Comprehensive employment surveys, coordination of existing placement programs, infusion of placement related activities into the curricula, job placement, career counseling, and program evaluation will be among the activities of this cooperative effort of school and community and governmental agencies.

Fiscal Year 1976

SB001157

Comprehensive Career Guidance Project.
Organization: Georgia State Dept. of Education, Atlanta.

Components of this career guidance program include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussions groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

Fiscal Year 1977

SB001158

Installation of Comprehensive Career Guidance Program.
Organization: Appling County School District, Basley, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

SB001159

Installation of Comprehensive Career Guidance Program.
Organization: Bacon County School District, Alma, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

SB001160

Installation of Comprehensive Career Guidance Program.
Organization: Baldwin County School District, Milledgeville, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

SB001161

Installation of Comprehensive Career Guidance Program.
Organization: Chatham County School District, Savannah, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

SB001162

Installation of Comprehensive Career Guidance Program.
Organization: Clayton County School District, Jonesboro, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

SB001163

Installation of Comprehensive Career Guidance Program.
Organization: Coweta County School District, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

SB001164

Installation of Comprehensive Career Guidance Program.
Organization: Crawford County School District, Roberta, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

SB001165

Installation of Comprehensive Career Guidance Program.
Organization: Early County School District, Blakely, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

SB001166

Installation of Comprehensive Career Guidance Program.
Organization: Franklin County School District, Carnesville, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

SB001167

Installation of Comprehensive Career Guidance Program.
Organization: Hall County School District, Gainesville, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

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SB001168

Installation of Comprehensive Career Guidance Program.
Organization: Newton County School District, Covington, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

SB001169

Installation of Comprehensive Career Guidance Program.
Organization: Morgan County School District, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

SB001170

Installation of Comprehensive Career Guidance Program.
Organization: Pulaski County School District, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

SB001171

Installation of Comprehensive Career Guidance Program.
Organization: Randolph County School District, Cuthbert, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

SB001172

Installation of Comprehensive Career Guidance Program.
Organization: Union County School District, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

SB001173

Installation of Comprehensive Career Guidance Program.
Organization: Ware County School District, Waycross, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

SB001174

Installation of Comprehensive Career Guidance Program.
Organization: Wheeler County School District, Alamo, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

SB001175

Installation of Comprehensive Career Guidance Program.
Organization: Dalton City School District, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

SB001176

Installation of Comprehensive Career Guidance Program.
Organization: Hart County School District, Ga.

This project will install a comprehensive career guidance program which will include career guidance training for school personnel and a centrally located career guidance center (CGC) in each school to be used by students for such activities as individual and group information searches, presentations by community representatives, and student discussion groups. The CGC will house materials and equipment for occupational, educational, and self-awareness and planning activities and provide placement in paid and non-paid work experience sites.

HAWAII

Part C

Fiscal Year 1971

SB001177 **VTP-028**

Handicapped Student Research Project.
Project Director: Matsumura, Isao
Organization: Hawaii Univ., Honolulu. Kapiolani Community Coll.
Funding Period: Start Date 31 Jan 71; End Date 30 Jun 71

To determine the need for educational training of handicapped students, this project will seek data from students, employers of handicapped, and personnel in services for the handicapped. Questionnaires will be mailed to currently enrolled handicapped students and former students. Follow-up will be through mail, telephone, and personal contact.

SB001178

Computerized Data System Development.
Organization: Hawaii State Dept. of Education, Hilo.

Descriptive information unavailable.

SB001179

A Study of Computer Curriculum in Our Community Colleges.
Organization: Vice President's Office for Community Colleges, Hawaii.

Descriptive information unavailable.

Fiscal Year 1972

SB001180

Planning and Development of a Statewide Vocational and Technical Data System.
Organization: Hawaii State Dept. of Education, Honolulu. Div. of Vocational Education.

Descriptive information unavailable.

SB001181

Kauai Community Occupational Survey.
Project Director: Miyoshi, Gerald I.
Organization: Kauai Community Coll., Hawaii.

The Kauai Community Occupational Survey (KCOS) will inventory Kauai County's labor market to determine the types of existing occupations and the number of workers in each. Labor needs for 1974-1976 also will be projected. A representative percentage of private businesses and governmental agencies will be chosen for sampling from each of three size categories. A general questionnaire including job titles common to many industries will be used for all except the plantation industry, for which a specific instrument will be tailored.

Fiscal Year 1973

SB001182

Career Development Continuum K-14.
Organization: Hawaii Univ., Honolulu. Education Research and Development Center.

Descriptive information unavailable.

SB001183

Statewide Computerized Data System.
Organization: Data Technical Analysts Inc., Honolulu, Hawaii.

Descriptive information unavailable.

SB001184

Statewide Follow-Up of Post-Secondary Vocational Education Graduates in the University of Hawaii Community College.
Organization: Hawaii Univ., Honolulu. Office of State Director for Vocational Education.

Descriptive information unavailable.

SB001185

Follow-Up Study of Vocational Education Drop-Outs.
Organization: Hawaii Univ., Honolulu. Office of State Director for Vocational Education.

Descriptive information unavailable.

SB001186

Health Manpower Needs.
Organization: Hawaii Univ., Honolulu. Kapiolani Community Coll.

Descriptive information unavailable.

SB001187

Community College Instructors Survey of Occupational Vocational Education Needs in Hawaii.
Organization: Hawaii Univ., Honolulu. Honolulu Community Coll.
Funding Period: Start Date 1 Jun 70; End Date 30 Jun 73

This comprehensive study of the current and anticipated needs for occupational education programs among Oahu community colleges encompasses both in-college and cooperative programs. In Phase I the construction and transportation industries will be surveyed to determine existing and projected manpower requirements. Existing Hawaii Community College programs will be re-evaluated in Phase II to determine their effectiveness in meeting the identified projected manpower needs. Phase III will include communications, utilities, service, and other industry groups in the study. Re-evaluation of programs surveyed in Phase III will occur in Phase IV.

SB001188

Study on Molokai and Lanai Job Requirements.
Project Director: Anderson, Robert
Organization: Hawaii Univ., Kahului. Maui Community Coll.
Funding Period: Start Date 1 Jan 73; End Date 30 Jan 73

The objective of this project is to forceast postsecondary and adult training needs on Molokai, Lanai, and areas of Maui remote from the Maui Community College Campus. Input will be provided to a current University of Hawaii College of Tropical Agriculture survey of the population of Maui County with particular emphasis on the education and occupational desires of those surveyed. Procedures will include researching available data and preparing disseminating, retrieving, and evaluating pertinent questionnaires.

Fiscal Year 1974

SB001189

Statewide Computerized Data System.
Organization: Hawaii State Dept. of Education, Honolulu. Information Systems Branch.
Descriptive information unavailable.

SB001190

Career Development Continuum.
Organization: Hawaii State Dept. of Education, Honolulu. Div. of Vocational-Technical Education.
Descriptive information unavailable.

Fiscal Year 1975

SB001191

Statewide Computerized Data System (for Secondary Level Vocational-Technical Education).
Organization: Hawaii State Dept. of Education, Honolulu. Information Systems Branch.
Descriptive information unavailable.

SB001192

Career Development Continuum.
Organization: Hawaii State Dept. of Education, Honolulu. Office of Instructional Services.
Descriptive information unavailable.

SB001193

Follow-Up Survey of Vocational Education Graduates in the Community Colleges of the University of Hawaii.
Organization: Hawaii Univ., Honolulu. Office of the State Director for Vocational Education.
This follow-up survey of community college vocational education graduates by the staff of the Director for Vocational Education and various community college researchers will produce tabulated statistics on employment characteristics, labor force status, and other types of basic accountability information for each college. The community college researchers will identify their respective graduate populations and mail and retrieve questionnaire cards.

Fiscal Year 1976

SB001194

Statewide Computerized Data System (Secondary Level).
Organization: Data Technical Analysts, Inc., Honolulu, Hawaii.
Descriptive information unavailable.

SB001195

Career Development Continuum.
Organization: Hawaii Univ., Honolulu. Coll. of Education.
Descriptive information unavailable.

SB001196

Student Flow Project.
Organization: Office of the Chancellor for Community Colleges, Honolulu, Hawaii.
Descriptive information unavailable.

Fiscal Year 1977

SB001197

Career Development Continuum.
Organization: Hawaii State Dept. of Education, Hilo. Student Services Section.
Descriptive information unavailable.

SB001198

A Study Flow Project.
Organization: Office of the Chancellor for Community Colleges, Honolulu, Hawaii.
Descriptive information unavailable.

Part D

Fiscal Year 1970

SB001199

A Program to Assist Vocational Students to Improve Formal Speech Habits.
Project Director: Luntey, Harold
Organization: Hawaii Univ., Kahului. Maui Community Coll.
Funding Period: Start Date 26 Aug 71; End Date 30 Jun 72
This project is designed to assist local students in overcoming their nonstandard English usage when competing for employment. A videotape recorder will be purchased for use by an instructor to capture student performance in a simulated employment interview, in speeches in front of small groups of peers, and in verbal interactions on a one-to-one basis with close acquaintances. Students will observe the characteristics they display in the different situations as they progress through the course.

SB001200

Career Orientation Workshop.
Organization: Hawaii Univ., Honolulu. Kapiolani Community Coll.
Descriptive information unavailable.

SB001201

The Development and Implementation of Students' and Employers' Evaluation Instrument.
Organization: Kauai Community Coll., Hawaii.
Descriptive information unavailable.

SB001202

An Exemplary Program Proposal for Development of a Community Internship Course.
Project Director: Rezents, Ernest
Organization: Hawaii Univ., Kahului. Maui Community Coll.
Funding Period: Start Date 1 Aug 70; End Date 31 Dec 70
This project will plan and develop a community internship course utilizing business and industry personnel trainers in pre-employment instruction and guidance of students in a variety of local community occupational demand fields. Focus will be on the transition of students from the classroom to the work environment. A full-time vocational education program planner will identify potential students, enlist the cooperation of public and private resource persons, and develop interview questionnaires.

SB001203

The Pre-Industrial Preparation Program.
Organization: Konawaena High School, Kealakekua, Hawaii.
Descriptive information unavailable.

SB001204

Exemplary Program for Disadvantaged Students (Coupled Project: Remedial Instruction in Basic Composition and Reading/Study Skills for Low-Achieving Students).
Project Director: Hooper, Gloria
Organization: Hawaii Univ., Honolulu. Honolulu Community Coll.
This three-year exemplary program seeks to develop basic communication skills within a practical vocational context. Relevancy of program content and immediate practical application in the students' vocational fields will provide motivation for directed self-improvement in reading and study skills. Disadvantaged students will be identified by means of the Nelson-Denny Reading Test and the Spitzen Study Skills Test.

Fiscal Year 1971

SB001205

The Pre-Industrial Preparation Program.
Organization: Konawaena High School, Kealakekua, Hawaii.

Descriptive information unavailable.

SB001206

Exemplary Program for Disadvantaged Students (Coupled Project: Remedial Instruction in Basic Composition and Reading/Study Skills for Low-Achieving Students).
Project Director: Hooper, Gloria
Organization: Hawaii Univ., Honolulu. Honolulu Community Coll.

This three-year exemplary program seeks to develop basic communication skills within a practical vocational context. Relevancy of program content and immediate practical application in the students' vocational fields will provide motivation for directed self-improvement in reading and study skills. Disadvantaged students will be identified by means of the Nelson-Denny Reading Test and the Spitzen Study Skills Test.

SB001207

Educational Exploration for Students for the Purpose of Motivating Interests in Vocational Education.
Project Director: Kohashi, Dorothy
Organization: Kauai Community Coll., Hawaii.
Funding Period: Start Date 1 May 71; End Date 30 Jul 71

This project strives to provide high school students with career education opportunities in the community college in place of continuing in secondary school. Using guidelines set forth in the Orange Coast College "Exemplary Program for Introduction to Career Education at the Community College Level," the project will provide an eight-week exploratory summer program for high school dropouts or those who intend to enter the unskilled labor market without attending a postsecondary institution. Sixty students will be selected to attend automotive, autobody, welding, and carpentry classes.

SB001208

Finding a Job.
Project Director: Humbert, Jack
Organization: Hawaii Community Coll., Honolulu.
Funding Period: Start Date 1 Feb 71; End Date 4 Jun 71

This project seeks to instill in prospective graduates confidence in their ability to compete for existing jobs. Hawaii Community College vocational and technical education students who are introverted, who lack self-confidence, or who are members of a minority group for whom English is a difficult language will be trained in interview techniques, completion of application forms, industry personnel procedures, and communication skills.

SB001209

Development, Implementation, and Evaluation of a Structured Learning Program in Typewriting, Shorthand, and Machine Transcription.
Project Director: P[illegible]lod, Harold
Organization: Hawaii Univ., Honolulu. Kapiolani Community Coll.
Funding Period: Start Date 1 Oct 70; End Date 31 Aug 71

The purpose of this project is to develop teaching materials to individualize instruction in typewriting, shorthand, and machine transcription. The project seeks to develop appropriate instructional techniques, procedures, and materials to assist students in achieving early success and maximum realization of employment skills. Materials for existing separate courses will be evaluated by instructors and students; the materials will then be transferred into an integrated learning program by way of existing multimedia equipment.

SB001210

Pilot Demonstration Project for Production of Multi-Media Instructional Materials for Vocational-Technical Students.
Project Director: Yamaguchi, Jack
Organization: Hawaii Univ., Pearl City. Leeward Community Coll.
Funding Period: Start Date 1 Jan 71; End Date 30 Jun 71

Vocational and technical training films will be produced locally for this project to alleviate the shortage of films used to support instruction in the technical fields, including trades and industry. Subjects considered for productions will be evaluated by a committee of both technical and instructional personnel.

SB001211

Proposal for Application for Vocational Education Act Funds Under Part D, Exemplary Project.
Organization: Hawaii Univ., Kahului. Maui Community Coll.

Descriptive information unavailable.

Fiscal Year 1972

SB001212

The Pre-Industrial Preparation Program.
Organization: Konawaena High School, Kealakekua, Hawaii.

Descriptive information unavailable.

SB001213

Exemplary Program for Disadvantaged Students (Coupled Project: Remedial Instruction in Basic Composition and Reading/Study Skills for Low-Achieving Students).
Project Director: Hooper, Gloria
Organization: Hawaii Univ., Honolulu. Honolulu Community Coll.

This three-year exemplary program seeks to develop basic communication skills within a practical vocational context. Relevancy of program content and immediate practical application in the students' vocational fields will provide motivation for directed self-improvement in reading and study skills. Disadvantaged students will be identified by means of the Nelson-Denny Reading Test and the Spitzen Study Skills Test.

SB001214

Independent Study System for Students in Health Services Education Division and Typewriting Education.
Project Director: King, Mary F.
Organization: Hawaii Univ., Honolulu. Kapiolani Community Coll.
Funding Period: Start Date 1 Oct 71; End Date 15 May 72

Self-paced programmed materials will be used in this project to allow students with previous nurses' aide experience to progress through selected parts of the Practical Nursing Program at their own speed. Programmed textbooks, films, and other existing multimedia software available for purchase will be used in addition to individualized, televised lessons for initial instruction in typewriting.

SB001215

Remediation Program for the Academically, Economically, and Physically Handicapped Students to Work in Conjunction with Counselor for these Students.
Project Director: Kohashi, Dorothy
Organization: Kauai Community Coll., Hawaii.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73

Kauai Community College will provide a summer remedial program to motivate students from low socioeconomic backgrounds to improve their chances of success in the local job market. Primary emphases will be to overcome difficulties with basic skills, recognize learning deficiencies to enable corrective action, expand the cooperative education program, and develop self-confidence in skills already gained. Students who score below 20 percent on the verbal and quantitive SCAT tests will receive preference.

SB001216

Pilot Demonstration Project for Production of Multi-Media Instructional Materials for Disadvantaged Students in Automotive and Drafting.
Organization: Hawaii Univ., Pearl City. Leeward Community Coll.
Funding Period: Start Date 1 Dec 71; End Date 30 Jun 72

This project is designed to test the feasibility of locally producing self-instructional films for individual study. Three 16mm sound motion picture films and a set of 35 mm slides with accompanying sound track are planned to be integrated with existing automotive and drafting programs at Leeward Community College. On-campus mul-

timedia personnel, writers, and technical advisors will be used when possible.

SB001217

Data Analysis for FY-71 Exemplary Project.
Organization: Hawaii Univ., Kahului. Maui Community Coll.
Descriptive information unavailable.

SB001218

Development and Implementation of a Balanced Curriculum in Business Education to Include Integrated, Interdisciplinary Learning in Computational Skills, Practicum in Office Procedures, Office Skills of Typing, Shorthand, and Machine Transcription.
Organization: Hawaii Community Coll., Honolulu.
Funding Period: Start Date 1 Sep 71; End Date 25 May 72

This project is designed to enable the Business and Affiliated Program Division to develop and implement integrated, interdisciplinary learning courses. Emphasis will be on mastering appropriate instructional techniques, procedures, and materials that will allow each learner to achieve early success and maximum achievement of employment skills. Individualized and multimedia instruction will provide flexibility; a module plan for instruction will be used.

Fiscal Year 1973

SB001219

Establish a Teacher Education Center.
Organization: Konawaena High School, Kealakekua, Hawaii.
Descriptive information unavailable.

SB001220

Pre-Industrial Preparation Program Including Electronics.
Organization: Aiea High School, Hawaii.
Descriptive information unavailable.

SB001221

Operation A.D.D. (Articulation, Development, and Deployment).
Project Director: Humbert, Jack
Organization: Hawaii Univ., Honolulu. Honolulu Community Coll.
Funding Period: Start Date 1 Jun 72; End Date 31 May 73

The intent of this project is to establish articulation between a speech and English department and the vocational and technical departments to serve as a model for development of related vocational and required academic courses. Operation ADD will serve especially adults with special needs by providing a communication skills program promoting individualized instruction, a nonthreatening atmosphere, an instructional methodology stressing opinion and judgment, and curriculum models organized around practical experiences.

SB001222

Staffing for Implementation of Individualized Instruction.
Project Director: Aoki, Richard
Organization: Hawaii Univ., Honolulu. Kapiolani Community Coll.
Funding Period: Start Date 14 Aug 72; End Date 30 Jun 73

The purpose of this project is to provide an adequate staff for student-centered instruction at the Learning Resources Center. Qualifications and job descriptions will be provided, and training sessions will be scheduled at the descretion of the division chairman. Approximately 300 students will be taught by teachers who work with them individually and are involved with the business community.

SB001223

Remediation Program for the Academically, Economically, and Physically Handicapped Students to Work in Conjunction with Counselor for these Students.
Project Director: Kohashi, Dorothy
Organization: Kauai Community Coll., Hawaii.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73

Kauai Community College will provide a summer remedial program to motivate students from low socioeconomic backgrounds to improve their chances of success in the local job market. Primary emphases will be to overcome difficulties with basic skills, recognize learning deficiencies to enable corrective action, expand the cooperative education program, and develop self-confidence in skills already gained. Students who score below 20 percent on the verbal and quantitive SCAT tests will receive preference.

Fiscal Year 1974

SB001224

Teacher Education Center.
Organization: Konawaena High School, Kealakekua, Hawaii.
Descriptive information unavailable.

SB001225

P.I.P. Program Including Electronics.
Organization: Aiea High School, Hawaii.
Descriptive information unavailable.

SB001226

Introduction to Vocations Program Career Guidance Center.
Organization: Roosevelt High School, Honolulu, Hawaii.
Descriptive information unavailable.

Fiscal Year 1975

SB001227

Electricity/Electronics Course of Study as Model for Inclusion in the Pre-Industrial Preparation (P.I.P.) Program.
Organization: Aiea High School, Hawaii.
Descriptive information unavailable.

SB001228

Teacher Education Center for the Pre-Industrial Preparation Program.
Organization: Konawaena High School, Kealakekua, Hawaii.
Descriptive information unavailable.

SB001229

Career Guidance Center Introduction to Vocations Program.
Organization: Roosevelt High School, Honolulu, Hawaii.
Descriptive information unavailable.

SB001230

Curriculum Guide for Hospitality Education - Part I.
Project Director: Kalani, Henry
Organization: Hawaii Univ., Honolulu. Kapiolani Community Coll.
Funding Period: Start Date 1 Sep 74; End Date 31 May 75

This exemplary project will focus on a study of manpower requirements and a skills survey for the hospitality industry which will lead to the development of a state-wide curriculum in hospitality education based on current and projected manpower requirements. Institutional research findings for manpower requirements will be reported in "Perspectives for Manpower Requirements in the Hospitality Industry." Interviews with employers, industry managers, and personnel directors will provide data for the skills survey.

SB001231

Bibliography of Individualized Instructional Materials by Vocational Subject Area.
Organization: Hawaii Univ., Kahului. Maui Community Coll.
Descriptive information unavailable.

Fiscal Year 1976

SB001232

Career Guidance Center.
Organization: Roosevelt High School, Honolulu, Hawaii.
Descriptive information unavailable.

SB001233

Waialua Pre-Industrial Preparation Center and Aiea Curriculum Materials Project.
Organization: Waialua High School, Oahu, Hawaii.
Descriptive information unavailable.

SB001234

A Model Vocational-Technical Program for Small Rural Schools.
Organization: Hana High and Elementary School, Maui, Hawaii.
Descriptive information unavailable.

SB001235

Curriculum Guide for Hospitality Education - Part II.
Project Director: Kalani, Henry
Organization: Hawaii Univ., Honolulu. Kapiolani Community Coll.
A hospitality education program model for Hawaii's community colleges will be developed in this exemplary project. Specific tasks will include designing a program model, identifying seven hospitality education curricula with certificate and degree options, preparing course outlines for the identified curricula, and providing implementation guidelines for the program. Modules will be reproduced for core or entry level occupational education courses common to all industry personnel and for specialized courses.

SB001236

Experimental Short-Term Training Projects to Prepare Waste-Water Technicians and Engineering Assistants.
Organization: Hawaii Univ., Kahului. Maui Community Coll.
Descriptive information unavailable.

Fiscal Year 1977

SB001237

A Model Vocational-Technical Program for Small Rural High Schools.
Organization: Hana High School, Maui, Hawaii.
Descriptive information unavailable.

SB001238

Career Exploration in Industrial Arts.
Organization: Hawaii State Dept. of Education, Honolulu. Occupational Development Section.
Descriptive information unavailable.

SB001239

Materials and Program Development Center for the Pre-Industrial Preparation.
Organization: Waialua High School, Oahu, Hawaii.
Descriptive information unavailable.

SB001240

Development of Programs and Instructional Materials for Hospitality Education in the Community Colleges of Hawaii.
Organization: Hawaii Univ., Honolulu. Kapiolani Community Coll.
Descriptive information unavailable.

IDAHO

Part C

Fiscal Year 1971

SB001241

Orientation to Health Occupations.
Project Director: Merrill, Floyd W.
Organization: Canyon-Owyhee School District, Idaho.
Contract and/or Control No.: R-1-71

This project is designed to provide information about and orientation to health-related occupations. Specific objectives include enabling students to develop an awareness of the scope of personal and community health needs and activities and an awareness of the many facets of and career opportunities in the health care services, to develop understanding and skills in basic nursing techniques, and to participate in exploration activities designed as an introduction to several health service occupations.

Fiscal Year 1972

SB001242

Orientation to Health Occupations.
Project Director: Merrill, Floyd W.
Organization: Canyon-Owyhee School District, Idaho.
Contract and/or Control No.: R-1-71

This project is designed to provide information about and orientation to health-related occupations. Specific objectives include enabling students to develop an awareness of the scope of personal and community health needs and activities and an awareness of the many facets of and career opportunities in the health care services, to develop understanding and skills in basic nursing techniques, and to participate in exploration activities designed as an introduction to several health service occupations.

SB001243 **VTP-829**

Evaluation of the Impact of a Comprehensive Program to Improve Office Occupations Education at Madison High School as Measured by Student Competence.
Project Director: Wilcock, Jack A.
Organization: Madison High School, Rexburg, Idaho.
Funding Period: Start Date 1 Apr 72; End Date 30 Jun 74

The purpose of this project is to evaluate the impact of changes made in the office occupations education program, including modifications of staff competencies, curriculum development, instructional strategy, contemporary instructional equipment and facilities, and administrative adaptations. The project will also derive a cost-benefit analysis based on identifiable inputs and program products (vocationally competent individuals employed in training-related occupations).

Fiscal Year 1973

SB001244

Development of Techniques for Simulation of Data Processing in Vocational Office Programs.
Project Director: Gibson, Phillip J.
Organization: Idaho State Univ., Pocatello. School of Vocational-Technical Education.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

This project is designed to provide each local school's vocational office training teacher with an individualized student learning packet on Orientation to Data Processing which does not utilize the usual date processing hardware. The project will conduct a thorough study of all available data processing materials; develop, field test, and revise a sample learning packet; and conduct inservice teacher training in the use of the learning packets.

SB001245

Evaluation of the Impact of a Comprehensive Program to Improve Office Occupations Education at Madison High School as Measured by Student Competencies.
Organization: Madison High School, Rexburg, Idaho.
Funding Period: Start Date 1 Apr 72; End Date 30 Jun 74
Contract and/or Control No.: R-3-73

The purpose of this project is to evaluate the impact of changes made in the office occupations education program, including modifications of staff competencies, curriculum development, instructional strategy, contemporary instructional equipment and facilities, and administrative adaptations. The project will also derive a cost-benefit analysis based on identifiable inputs and program products (vocationally competent individuals employed in training-related occupations).

SB001246

POWER: Programmed Opportunity With Employment Referral.
Project Director: Smith, Joan
Organization: Boise Independent School District, Idaho.

The goals of this project are to disseminate the completed Programmed Opportunity with Employment Referral (POWER) project reports and curriculum to state and federal sources and to make copies available for listing in "Abstracts in Instrucional Materials" (AIM). The project will involve editing and reproducing the POWER curriculum, including programmed "Pacs" and tape and film narrative.

SB001247

Project REACH.
Organization: School District 2, Idaho.

Descriptive information unavailable.

SB001248 **VTP-1092**

Supplemental Career Education.
Project Director: Burkhart, Phil
Organization: Pocatello School District 25, Idaho.
Funding Period: Start Date 1 Apr 73; End Date 30 Jun 74

This program is designed to expand a previously submitted research and development project, provide for a substantial increase in student involvement by enlisting larger staff participation, provide a broader and more inclusive program for research and evaluation purposes, and provide a broader-scope demonstration model by enlisting more staff and students. To provide for additional research data, pre- and posttesting will be increased.

Fiscal Year 1974

SB001249

Evaluation of a Comprehensive Program to Improve Office Occupations at Madison High School as Measured by Student Competence.
Organization: Madison High School, Rexburg, Idaho.
Descriptive information unavailable.

SB001250

Research and Development Project in Career Education.
Organization: Pocatello School District 25, Idaho.
Funding Period: Start Date 7 May 73; End Date 24 Nov 74
Contract and/or Control No.: R-6-74

Project objectives include revising curriculum to include 80 percent more career development experiences; developing a career resource information bank, a guidance and counseling component, and a community advisory committee; and designing a career education program that will affect the major educational experiences of each student. Program objectives are to increase student self-awareness and career awareness, develop favorable work attitudes, assist in developing career decision-making skills, and provide career orientation and exploratory experiences.

SB001251 VTP-1091

Home Economics Related Occupational Classes at Nampa Senior High School.
Project Director: Shelton, Jean
Organization: Nampa School District 131, Idaho.
Funding Period: Start Date 1 Jan 73; End Date 31 Dec 74

The objectives of this project are to increase the number of youths who complete high school with job skills in home-economics-related occupations (HERO), develop a positive attitude toward work, provide training in one or more areas of the occupations which will result in desirable work habits, pilot and list the feasibility of this approach to HERO training, and disseminate the findings of this study. Activities will include integration of school and employment experiences and periodic evaluation of student placement.

SB001252

Career Development Through Vital Information for Education and Work (VIEW): A Multi-District Project.
Project Director: Charlton, Robert
Organization: Sugar Salem School District 322, Idaho.
Funding Period: Start Date 1 May 74; End Date 30 Jun 75
Contract and/or Control No.: R-12

The purposes of this project are to develop a model system designed to collect, convert, and translate current up-to-date non-baccalaureate career information (Vital Information for Education and Work) and to disseminate this information to counselors, vocational teachers, advisors, supervisors, and administrators in secondary schools in Idaho. Microfiche copies of VIEW materials containing student-centered, occupational information about job requirements, training, and entry-level skills will be made available to students.

SB001253

Supplement to Career Exploration Project.
Organization: College of Southern Idaho, Twin Falls.
Descriptive information unavailable.

Fiscal Year 1975 - No Projects Reported

Fiscal Year 1976

SB001254

Idaho VIEW - Phase II.
Organization: Sugar-Salem School District 322, Sugar City, Idaho.
Descriptive information unavailable.

SB001255

Idaho VIEW - Updating and Revision.
Organization: Sugar-Salem School District 322, Sugar City, Idaho.
Descriptive information unavailable.

Fiscal Year 1977

SB001256

Idaho VIEW Continuation.
Organization: Sugar-Salem School District 322, Sugar City, Idaho.
Descriptive information unavailable.

SB001257

Basic Competencies for Entry Level Vocational Home Economics Teachers in the State of Idaho.
Organization: Idaho State Univ., Pocatello.
Funding Period: Start Date 22 Apr 77; End Date 30 Sept 77
Contract and/or Control No.: R-13-77

The purposes of this study include identifying basic competencies; assessing home economics courses offered at Idaho State University, the University of Idaho, and Northwest Nazarene College; and identifying instructional needs of the home economics education programs at the three institutions. Procedures include surveying current home economics teachers to determine needed competencies, tabulating and analyzing survey results, and comparing the identified competencies with current course objectives.

Part D

Fiscal Year 1970

SB001258

Simulated Methods in Office Occupations Education.
Project Director: Price, Virginia
Organization: Teton High School District 401, Driggs, Idaho.
Contract and/or Control No.: E-1

The purpose of this project is to set up a simulated office facility for Office Occupations Education. Project objectives include providing students with basic office skills and proficiencies which will permit them to obtain and retain jobs in offices, acquainting students with actual office experience, and relating high school business education to college-bound students who intend to major in business or advanced secretarial training.

SB001259

Thrust - A District 91 Proposal to Help Disadvantaged Youth Plan Productive Careers.
Project Director: Casper, J.W.
Organization: Idaho Falls School District 91, Idaho.
Contract and/or Control No.: E-6

The purpose of this project is to help disadvantaged youths develop positive self-concepts, learn about career opportunities, obtain training which will assist them in career selection, and enroll in courses which will prepare them for productive jobs. The project will involve a broad vocational information program, a self-improvement program, and a comprehensive education program including developmental and exploratory activities, appropriate training, and work experience.

SB001260

Programmed Opportunity with Employment Referral.
Project Director: Smith, Joan
Organization: Boise City Independent School District, Idaho.
Contract and/or Control No.: E-5

This project is designed to improve the vocational competency of business education students at Borah High Schol through Programmed Opportunity with Employment Referral (POWER). This program will use a business laboratory and a diagnostic-prescriptive approach with contingency contracts and self-evaluation instruments. Flexible scheduling and the use of individualized mini-packs, along with a student recruitment and employment service, will allow students to participate in work experience during the school day.

SB001261

Food Service Technology Program.
Project Director: Miller, G.
Organization: Boise State Coll., Idaho. Area Vocational Technical Division.
Funding Period: Start Date 1 Feb 71; End Date 1 Feb 73

The purpose of this exemplary program is to improve the total of the vocational programs offered at the area vocational school and broaden the variety of occupational choices by including this curriculum. The program of Food Service Technology will train food service workers using a flexible pyramid-type plan.

SB001262

Occupational Orientation and Information.
Organization: Lewis-Clark Normal School, Lewiston, Idaho.

Descriptive information unavailable.

Fiscal Year 1971

SB001263

Thrust - A District 91 Proposal to Help Disadvantaged Youth Develop Productive Careers.
Project Director: Casper, J.W.
Organization: Idaho Falls School District 91, Idaho.
Contract and/or Control No.: E-6

The purpose of this project is to help disadvantaged youths to develop positive self-concepts, learn about career opportunities, be guided toward training which will assist them in career selection, and enroll in courses which will prepare them for productive jobs. The project will involve a broad vocational information program, a self-improvement program, and a comprehensive education program which would include developmental and exploratory activities, appropriate training, and work experience.

SB001264

Programmed Opportunity with Employment Referral.
Project Director: Smith, Joan
Organization: Boise City Independent School District, Idaho.
Contract and/or Control No.: E-5

This project is designed to improve the vocational competency of business education students at Borah High Schol through Programmed Opportunity with Employment Referral (POWER). This program will use a business laboratory and a diagnostic-prescriptive approach with contingency contracts and self-evaluation instruments. Flexible scheduling and the use of individualized mini-packs, along with a student recruitment and employment service, will allow students to participate in work experience during the school day.

SB001265

Food Service Technology Program.
Project Director: Miller, G.
Organization: Boise State Coll., Idaho. Area Vocational Technical Division.
Funding Period: Start Date 1 Feb 71; End Date 1 Feb 73

The purpose of this exemplary program is to improve the total of the vocational programs offered at the area vocational school and broaden the variety of occupational choices by including this curriculum. The program of Food Service Technology will train food service workers using a flexible pyramid-type plan.

SB001266

HOST (Hospitality and Other Service Training).
Organization: Moscow School District 281, Idaho.
Funding Period: Start Date 31 Aug 71; End Date 1 Jun 72

This project will develop a senior level course in the food service industry and related areas of hospitality. The project will provide students an opportunity to learn about the growing food service industry and provide training to enable students to become knowledgeable employees in various areas of food and hospitality services. To provide practical experience, students will work in school-related activities and at part-time related jobs.

SB001267

Rural Vocational Guidance, Work Exploration, Simulation.
Organization: Rockland School District 382, Idaho.

Descriptive information unavailable.

SB001268

Exemplary Exploratory Program in Occupational Opportunities.
Organization: Oneida School District 351, Idaho.
Contract and/or Control No.: E-9

This project will implement at the fifth grade level an exploratory program in occupational opportunities. Through the use of audiovisual materials, field trips, and exploratory activities, this project will make students aware of occupational opportunities, aid students in realizing their potential, and provide students with hands-on experience.

Fiscal Year 1972

SB001269

Food Service Technology Program.
Project Director: Miller, G.
Organization: Boise State Coll., Idaho. Area Vocational Technical Division.
Funding Period: Start Date 1 Feb 71; End Date 1 Feb 73

The purpose of this exemplary program is to improve the total of the vocational programs offered at the area vocational school and broaden the variety of occupational choices by including this curriculum. The program of Food Service Technology will train food service workers using a flexible pyramid-type plan.

SB001270

Occupational Orientation and Information.
Organization: Lewis-Clark Normal School, Lewiston, Idaho.

Descriptive information unavailable.

SB001271

Exemplary Exploratory Program in Occupational Opportunities.
Organization: Oneida School District 351, Idaho.
Contract and/or Control No.: E-9

This project will implement at the fifth grade level an exploratory program in occupational opportunities. Through the use of audiovisual materials, field trips, and exploratory activities, this project will make students aware of occupational opportunities, aid students in realizing their potential, and provide students with hands-on experience.

SB001272

Child Care Services Program.
Project Director: Showmaker, Betty
Organization: Boise State Coll., Idaho. Area Vocational-Technical Division.

This program is designed to train workers for the care of small children outside the home. The program, of not less than thirty hours per week, will encompass three hours of course work and three hours of supervised laboratory experience each day of a nine month period. It seeks to assist the child care worker or supervisor in performing the duties of the occupation with appropriate knowledge, skill, and competence.

Fiscal Year 1973

SB001273

Food Service: Open Ended Program.
Organization: Boise State Univ., Idaho.

Descriptive information unavailable.

SB001274

Cooperative Program in Hospitality and Food Service.

Organization: Moscow School District 281, Idaho.

This project will develop a senior level course in the food service industry and related areas of hospitality. It will provide students an opportunity to learn about the growing food service industry and provide training to enable students to become knowledgeable employees in various areas of food and hospitality services. To provide practical experience, students will work in school-related activities and at part-time related jobs.

SB001275

POWER: Programmed Opportunity with Employment Referral.
Project Director: Smith, Joan
Organization: Boise City Independent School District, Idaho.
Contract and/or Control No.: E-5

This project is designed to improve the vocational competency of business education students at Borah High Schol through Programmed Opportunity with Employment Referral (POWER). This program will use a business laboratory and a diagnostic-priscriptive prescriptive approach with contingency contracts and self-evaluation instruments. Flexible scheduling and the use of individualized mini-packs, along with a student recruitment and employment service, will allow students to participate in work experience during the school day.

SB001276

THRUST - Proposal to Help Disadvantaged Youth Plan Productive Careers.
Project Director: Casper, J.W.
Organization: Idaho Falls School District 91, Idaho.
Contract and/or Control No.: E-6

The purpose of this project is to help disadvantaged youths develop positive self-concepts, learn about career opportunities, obtain training which will assist them in career selection, and enroll in courses which will prepare them for productive jobs. The project will involve a broad vocational information program, a self-improvement program, and a comprehensive education program including developmental and exploratory activities, appropriate training, and work experience.

SB001277

Exemplary Exploratory Program in Occupational Opportunities.
Organization: Oneida School District 351, Idaho.
Contract and/or Control No.: E-9

This project will implement at the fifth grade level an exploratory program in occupational opportunities. Through the use of audiovisual materials, field trips, and exploratory activities, this project will make students aware of occupational opportunities, aid students in realizing their potential, and provide students with hands-on experience.

SB001278

Rural Vocational Guidance, Work Exploration, Simulation.
Organization: Rockland School District 382, Idaho.

Descriptive information unavailable.

Fiscal Year 1974

SB001279

Exemplary Program in Laser/Electro-Optic Technology - The LEO Project.
Project Director: Davis, Richard R.
Organization: Idaho State Univ., Pocatello.
Contract and/or Control No.: E-17

The purpose of this project is to develop curricula, textbooks, workbooks, training aids, and techniques; establish classrooms and furnish laboratory facilities; and begin a training program for entry-level technicians in laser/electro-optics. The program is designed to allow maximum use of individual differences and academic skills.

SB001280 **VTP-1318**

Exploration in the Junior High School.
Project Director: Washburn, George
Organization: Boise City Independent School District, Idaho.
Funding Period: Start Date 21 Jan 74; End Date 30 Jun 74

The objectives of this project are to help students develop a better understanding of the relationships between academic subjects and occupational fields; expand students' occupational awareness, realistic aspirations, and understandings of their interests and abilities; and help students determine, through hands-on experiences, their interests and abilities. Enrichment curriculum activities involving skill-training areas will be developed, and simulated field-trip activities will be developed.

SB001281

Introduction of the Fifteen Clusters of Occupations into a Junior High School.
Organization: Coeur D'Alene School District 271, Idaho.
Contract and/or Control No.: E-14

The purpose of this project is to develop a cooperative program through which eighth grade students can be introduced to fifteen clusters of occupations identified by the U. S. Department of Health, Education, and Welfare. The program will include individualized mini-field trips for the students to interview, observe, and possibly work with workers of the community in exploring the occupations of their choice. Inservice activities will be planned to help staff implement the program in the regular curriculum.

SB001282

Vocational Mining.
Project Director: Beck, Mervin L.
Organization: Wallace High School District 393, Idaho.

This program is designed to prepare high school youth for basic entry level employment in mining industry occupations. A program of mine safety and indoctrination and orientation courses will be offered to first-year students, and a program to enable students to acquire manual skills in mining-related activities will be offered to second-year students. Second-year students unable to function as proficient miners will be offered a program of peripheral mining skills including a mine equipment maintenance course.

SB001283

Proposal for a Secondary Vocational Education Program.
Organization: Clark County High School District 161, Dubois, Idaho.
Contract and/or Control No.: E-15

The purpose of this project is to provide comprehensive, intensive guidance services to twelfth grade students which will familiarize them with their interests, aptitudes, and abilities; acquaint them with postsecondary training programs; and enable them to complete the transition from school to work or postsecondary educational or training programs. The project also seeks to demonstrate the feasibility and usefulness of Guidance Unipacs, developed in the Rockland Project, in providing guidance services to small, isolated rural schools with no guidance personnel.

SB001284

Exploring Occupational Opportunities.
Organization: Malad School District 351, Idaho.

Descriptive information unavailable.

Fiscal Year 1975

SB001285

Cooperative Program in Hospitality and Food Service Curriculum.
Organization: Moscow High School, Idaho.

Descriptive information unavailable.

SB001286

Vocational Mining.
Project Director: Beck, Mervin L.
Organization: Wallace High School District 393, Idaho.

This program is designed to prepare high school youth for basic entry level employment in mining industry occupations. A program of mine safety and indoctrination and orientation courses will be offered to first-year students, and a program to enable students to

acquire manual skills in mining-related activities will be offered to second-year students. Second-year students unable to function as proficient miners will be offered a program of peripheral mining skills including a mine equipment maintenance course.

SB001287

Exploration in the Junior High School.
Project Director: Washburn, George
Organization: Boise City Independent School District, Idaho.

The objectives of this project are to help students develop a better understanding of the relationships between academic subjects and occupational fields; expand students' occupational awareness, realistic aspirations, and understandings of their interests and abilities; and help students determine, through hands-on experiences, their interests and abilities. Enrichment curriculum activities involving skill-training areas will be developed, and simulated field-trip activities will be developed.

SB001288

A Junior High Career Exploration Program.
Organization: Coeur D'Alene School District 271, Idaho.
Contract and/or Control No.: E-14

The purpose of this project is to develop a cooperative program through which eighth grade students can be introduced to fifteen clusters of occupations identified by the U. S. Department of Health, Education, and Welfare. The program will include individualized mini-field trips for the students to interview, observe, and possibly work with workers of the community in exploring the occupations of their choice. Inservice activities will be planned to help staff implement the program in the regular curriculum.

SB001289

Proposal for a Secondary Vocational Education Program.
Organization: Clark County High School District 161, Dubois, Idaho.
Contract and/or Control No.: E-15

This project seeks to provide comprehensive, intensive guidance services to twelfth grade students which will familiarize them with their interests, aptitudes, and abilities; acquaint them with post-secondary training programs; and enable them to complete the transition from school to work or postsecondary educational or training programs. An accompanying purpose is to demonstrate the feasibility and usefulness of Guidance Unipacs, developed in the Rockland Project, in providing guidance services to small, isolated rural schools with no guidance personnel.

SB001290

Laser/Electro-Optic Technology.
Project Director: Dahlquist, Ernest A.
Organization: Idaho State Univ., Pocatello. School of Vocational-Technical Education.
Contract and/or Control No.: E-17

The purpose of this continued project is to develop curricula, textbooks, workbooks, training aids, and techniques; establish classrooms and furnish laboratory facilities; and begin a training program for entry-level technicians in laser/electro-optics. The program is designed to allow maximum use of individual differences and academic skills.

SB001291

Reorienting Home Economics to Occupations.
Organization: Coeur d'Alene School District, Idaho.

Descriptive information unavailable.

SB001292

Audio-Visual Tutorial Shorthand–An Innovative Approach.
Project Director: Sorensen, Wanda
Organization: Southern Idaho Coll., Twin Falls.
Contract and/or Control No.: E-19

This project plans to develop and implement an open entry/open exit audio-video tutorial program of shorthand instruction to increase learning efficiency. The students will be pretested and placed in the program at their particular levels of competency and will proceed at their own rates with the self-paced tutorial materials. Teachers will supervise learning, evaluate progress, counsel students, and provide special attention for learning difficulties.

SB001293 **VTP-1904**

Utilities Lineman and/or Cable Splicer.
Project Director: Rodgers, Wayne
Organization: Boise State Univ., Idaho.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

Through this project, graduates will be employable as cable splicers and as installers of power lines, distribution systems, and telephone equipment. The objective is to duplicate industry standards using the tools and equipment peculiar to the industry. Industry will cooperate by providing training aids, resource people and heavy equipment to use.

SB001294 **VTP-2167**

Consumer Education.
Project Director: Smiley, C. Ardell
Organization: Idaho State Univ., Pocatello.
Funding Period: Start Date 1 Jul 75, End Date 30 Jun 76

This ongoing project is a special offering to all full-time preparatory programs. Students are offered the opportunity to design individualized programs for the most practical utilization of their income. Areas of coverage include housing, food, clothing, transportation, insurance, and taxes, as well as the more common emergency expenses.

SB001295

Utility Electric Lineman/Linewoman.
Project Director: Miller, Don
Organization: Boise State Univ., Idaho.

The aim of this project is to provide persons with necessary skills and technical knowledge to make them employable in electrical power distribution and service and related occupations at a level equivalent to second-year apprentice. Students will be provided training in actual employment conditions, with the exception of "hot line" experience.

SB001296 **VTP-2072**

High School Refrigeration/Air Conditioning Training.
Project Director: Fisher, James E.
Organization: New Plymouth High School, District 372, Idaho.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The objectives of this project are to increase the number of vocational and technical offerings at the high school level; provide more opportunity for students to have entry-level skills in a specific field; better relate basic educational skill to work; and provide positive transfer of skills learned to related occupations, interests, or training. The project will provide testing and, eventually, a progressive block course of study.

SB001297 **VTP-2075**

Livestock Management and Production.
Project Director: Christofferson, John E.
Organization: Eastern Idaho Vocational-Technical School, Idaho Falls.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The objectives of this project are to provide valid occupational alternatives to individuals interested in beef and dairy livestock management and reach farm-oriented youths and adults who otherwise would not have technical assistance in livestock production. The program is designed to broaden and improve vocational education curriculum by introducing vocational and technical training to the livestock industry at the postsecondary level.

SB001298

A Proposal for Consumer Education.
Project Director: Rucker, Jack
Organization: Idaho State Univ., Pocatello. School of Vocational-Technical Education.

This project plans to implement a series of consumer education courses designed to provide opportunities for students to become aware of money and time management. Good consumer practices involving priorities, personal values, and money management plans will be covered in various courses including "Planned Family Spending," "Consumer Buying," "Credit," "Rental Housing," and "Taxes."

SB001299

Vocational Mining.
Project Director: Beck, Mervin L.
Organization: Wallace High School District 393, Idaho.

This program is designed to prepare high school youth for basic entry level employment in mining industry occupations. A program of mine safety and indoctrination and orientation courses will be offered to first-year students, and a program to enable students to acquire manual skills in mining-related activities will be offered to second-year students. Second-year students unable to function as proficient miners will be offered a program of peripheral mining skills including a mine equipment maintenance course.

Fiscal Year 1976

SB001300

Vocational Mining.
Project Director: Beck, Mervin L.
Organization: Wallace High School District 393, Idaho.

This program is designed to prepare high school youth for basic entry level employment in mining industry occupations. A program of mine safety and indoctrination and orientation courses will be offered to first-year students, and a program to enable students to acquire manual skills in mining-related activities will be offered to second-year students. Second-year students unable to function as proficient miners will be offered a program of peripheral mining skills including a mine equipment maintenance course.

SB001301

Utility Electric Lineman/Linewoman.
Project Director: Miller, Don
Organization: Boise State Univ., Idaho.
Funding Period: Start Date 1 Jan 76; End Date 31 Dec 76
Contract and/or Control No.: E-20-76

The aim of this project is to provide persons with necessary skills and technical knowledge to make them employable in electrical power distribution and service and related occupations at a level equivalent to second-year apprentice. Students will be provided training in actual employment conditions, with the exception of "hot line" experience.

SB001302

Consumer Education for Vocational Students.
Organization: Idaho State Univ., Pocatello.
Contract and/or Control No.: E-21-76

The goal of this project is to provide consumer education as a special offering to all preparatory programs. Students will have the opportunity to design a system for the most economical expenditure of their income in areas including housing, food, clothing, transportation, insurance, and taxes, as well as the more common emergency expenses.

SB001303

Livestock (Dairy and Beef) Production and Management.
Organization: Eastern Idaho Vocational-Technical School, Idaho Falls.
Contract and/or Control No.: E-22-76

The major objective of this program is to provide occupational alternatives to individuals interested in beef and dairy livestock management. The program will utilize the modern technology developed by research centers and disseminate the information in a vocational and technical curriculum articulated with Future Farmers of America and other agriculture programs offered at the high school level. The dairy management curriculum will include feed materials, milk production, and breeding programs. The meat production curriculum will provide instruction in breed selection, branding, animal feeding and care, and cattle purchasing and selling.

SB001304

Air Conditioning and Refrigeration.
Project Director: Fisher, James E.
Organization: New Plymouth School District 372, Idaho
Contract and/or Control No.: E-23

The purposes of this project are to develop a program to provide basic entry level employment skills in air conditioning and refrigeration, provide a broader curriculum from which students can choose an academic or technical approach to postsecondary education, and provide basic transferable skills. Objectives include increasing the number of secondary level vocational and technical offerings, decreasing the dropout rate by better relating educational skills to work, and providing a positive transfer of skills learned in these programs to related occupations, interests, or training.

Fiscal Year 1977

SB001305

Consumer Education for Vocational Students.
Organization: Idaho State Univ., Pocatello.
Funding Period: Start Date 1 Sep 76; End Date 30 Jun 77
Contract and/or Control No.: E-21-77

The goal of this project is to provide consumer education as a special offering to all preparatory programs. Students will have the opportunity to design a system for the most economical expenditure of their income in areas including housing, food, clothing, transportation, insurance, and taxes, as well as the more common emergency expenses.

SB001306

Livestock Production and Management.
Organization: Eastern Idaho Vocational-Technical School, Idaho Falls.
Contract and/or Control No.: E-22-77

The major objective of this program is to provide occupational alternatives to individuals interested in beef and dairy livestock management. The program will utilize the modern technology developed by research centers and disseminate the information in a vocational and technical curriculum articulated with Future Farmers of America and other agriculture programs offered at the high school level. The dairy management curriculum will include feed materials, milk production, and breeding programs. The meat production curriculum will provide instruction in breed selection, branding, animal feeding and care, and cattle purchasing and selling.

SB001307

Air Conditioning and Refrigeration.
Project Director: Fisher, James E.
Organization: New Plymouth School District 372, Idaho
Contract and/or Control No.: E-23-77

The purposes of this project are to develop a program to provide basic entry level employment skills in air conditioning and refrigeration, provide a broader curriculum from which students can choose an academic or technical approach to postsecondary education, and provide basic transferable skills. Objectives include increasing the number of secondary level vocational and technical offerings, decreasing the dropout rate by better relating educational skills to work, and providing a positive transfer of skills learned in these programs to related occupations, interests, or training.

SB001308

Child Development (Introductory, Exploratory and/or Co-Op.).
Organization: Meridian School District 2, Idaho.
Funding Period: Start Date 1 Sep 76; End Date 30 Jun 77
Contract and/or Control No.: E-24-77

This project aims to provide an exploratory child development course. Students will assist in three different child-related occupations with field-site experience on three days a week and in-class work and discussions on two days. In-depth training will be provided regarding parenting skills, family relations, aides for teacher trainer, and general skills for working with children.

SB001309

Nutrition for the Disadvantaged.
Project Director: Wesche, Marjorie
Organization: Nampa School District 131, Idaho.
Funding Period: Start Date 20 Jul 76; End Date 5 Jun 77
Contract and/or Control No.: E-26-77

The objectives of this project are to improve the nutrition of high school home economics students, improve the nutrition of the K-5 pupils in Centennial Elementary School through classroom unit teaching, and acquaint high school students with job opportunities in nutrition-related occupations. Homemaking students will study teaching methods, nutrition, and job opportunities as part of a program where the homemaking students will assist in teaching elementary students about nutrition and nutrition-related occupations.

SB001310

Career Placement, Follow-Up and Follow-Through - A Model Demonstration Project.
Organization: Moreland School District 52, Idaho.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 78
Contract and/or Control No.: E-27-77

The purposes of this project are to demonstrate a multi-district, systematic method of providing career placement, follow-up, and follow-through services to secondary students; coordinate the placement efforts of ongoing cooperative vocational education programs; coordinate and provide placement services for handicapped and special needs students, students seeking part-time paid employment, and school leavers seeking full-time employment; and coordinate the services provided to youth by various agencies.

SB001311

Therapy Technician Assistant.
Organization: Eastern Idaho Vocational-Technical School, Idaho Falls.
Contract and/or Control No.: E-29-77

The objective of this project is to train qualified persons as therapy technician assistants to provide personal care and routine therapeutic or developmental services for clients in state institutions or private services centers. The program is designed to train persons to work with disadvantaged and handicapped patients. Students will receive training in working with mentally ill and emotionally disturbed patients, mentally retarded persons, and disadvantaged or socially maladjusted individuals.

SB001312

Individualized Business Education Laboratory (IBEL).
Project Director: Bedke, Ruby C.
Organization: Burley School District 151, Idaho.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 78
Contract and/or Control No.: E-30-77

The purposes of this project are to meet the vocational business education needs of students and provide trained personnel for the area's job market by continuing to develop the individualized business education laboratory (IBEL) and by converting a second classroom into an IBEL. The project will use up-to-date equipment and sight-and-sound media for individualized instruction. The IBELs will help students attain knowledge and marketable skills in business areas.

ILLINOIS

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Fiscal Year 1971

SB001313

System for Individualizing Vocational Education.
Organization: Niles Township High Schools, Ill.
Descriptive information unavailable.

SB001314

Commercial Horticultural Skill-Practices Institute.
Organization: Southern Illinois Univ., Carbondale.
Descriptive information unavailable.

SB001315 **VTP-797**

Analysis of Surveys of Illinois Vocational Guidance.
Organization: Southern Illinois Univ., Carbondale.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71
The objective of this project is to analyze surveys of vocational guidance programs.

SB001316

The World of Work as an Organizing Center for the Curriculum of the Elementary School.
Organization: Northern Illinois Univ., De Kalb.
Descriptive information unavailable.

SB001317 **VTP-796**

Facilitating Career Development at the Elementary School Level.
Project Director: Bailey, Larry J.
Organization: Southern Illinois Univ., Carbondale.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71
The goal of this study is to schematize a conceptual model and supporting literature that will provide guidelines and give impetus to career development programs for elementary school students. A career development model will be formulated and validated. A short-term workshop will acquaint potential users with the model. An instructional system will be designed, and guidelines and curriculum materials will be prepared.

SB001318

Feasibility Study for the Handicapped Individuals.
Organization: Chicago City Colleges, Ill. Finger Coll.
Descriptive information unavailable.

SB001319 **VTP-815**

Joint Occupational Orientation Project: An Experimental Approach to Vocational Education.
Project Director: Ebert, E. A.
Organization: Libertyville School District 7, Ill.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71
The purpose of this project is to provide educational experiences that will equip potential dropouts with skills which will enable them to become productive citizens in our society. Twenty boys who will be enrolled in a block of time of common learning will be identified. Prevocational concepts, generalizations, and experiences will be used to teach the skills and concepts needed. Nonverbal materials will be made available to this group.

SB001320

Delinquency Intervention Project Phase III.
Organization: Southern Illinois Univ., Carbondale.
Descriptive information unavailable.

SB001321

Nuclear Radiation Project Study.
Project Director: Baker, Paul R.
Organization: Community High School District 155, Crystal Lake, Ill.
Contract and/or Control No.: RDC-A2-056
The objectives of this project are to develop a laboratory-oriented, one-semester course in nuclear radiation; train some students for employment as nuclear technicians; motivate some students to go on to postsecondary nuclear technician schools; and make all students aware of peaceful uses of atomic energy while alleviating fear due to lack of understanding.

SB001322

Pre-Vocational and Technical Physics Phase II.
Organization: Parkland Coll., Champaign, Ill.
Descriptive information unavailable.

SB001323 **VTP-759**

A Follow-Up Study of Illinois Home Economics Job Training Programs.
Project Director: Howell, Kathleen
Organization: Eastern Illinois Univ., Charleston.
Funding Period: Start Date 16 May 71; End Date 30 Jun 71
This study will investigate certain aspects of home economics job training programs for the purpose of identifying strengths and weaknesses as a basis for making recommendations for future program development. All schools have been asked to provide the names and addresses of 1968 through 1970 graduates of these programs. Data will be sought by questionnaire from all graduates.

SB001324 **VTP-803**

State Survey of Home Economics Programs in Illinois.
Project Director: Keenan, Dorothy
Organization: Southern Illinois Univ., Carbondale.
Funding Period: Start Date 15 Oct 70; End Date 15 Jun 71
The objectives of this project are to gather data about the home economics programs currently in operation in grades 6-12 in the public schools and develop an instrument with which such data can be periodically collected. A survey form, requesting information from home economics teachers relating to existing courses, will be prepared. The responses will be tabulated, the returns will be analyzed, and a status report will be prepared.

SB001325 **VTP-775**

Metropolitan Programs in Applied Biological and Agricultural Occupations: A Need and Attitude Study.
Project Director: Thomas, Hollie B.
Organization: Illinois Univ., Urbana.
Funding Period: Start Date 1 Sep 70; End Date 30 Jun 71
The objectives of this study are to determine the employment needs in specified areas of applied biological and agricultural occupations in the Chicago area and to determine the attitudes of students, teachers, and administrative personnel concerning these occupations. Data will be collected from each of the populations and will be analyzed to ascertain frequencies, averages, percentages, and projec-

tions appropriate to the data.

SB001326

Development of Three Phase On-Site Evaluation Instruments.
Organization: Illinois Univ., Urbana.
Descriptive information unavailable.

SB001327

Computerized Vocational Information System (CVIS).
Organization: Villa Park Community High School District 88, Ill.
Descriptive information unavailable.

SB001328 **VTP-812**

Study to Assess Feasibility of a Pilot Home-Based Day Care Program Utilizing Welfare Mothers and Other Disadvantaged Persons as Members of the Child Care Staff Team.
Project Director: Kassel, Myrna Bordelon
Organization: Illinois State Bureau of Employment Security, Springfield.
Funding Period: Start Date 18 May 70; End Date 30 Jun 70
The objective of the study is to develop a model for the operation of a demonstration unit program of home group child care. This study features the involvement of welfare mothers through consultation and participation of the Welfare Rights Organization as a member of the study team.

SB001329 **VTP-811**

Analysis of One- and Five-Year Plans of Local School Districts for Vocational Education.
Project Director: Rogge, William M.
Organization: Illinois Univ., Urbana.
Funding Period: Start Date 1 Jul 70; End Date 30 Sep 70
The objective of this project is to analyze one- and five-year plans of program development for vocational education. The analysis will be made by six graduate students under the direction of a university faculty person. The plans will be analyzed by a protocol approved by the state staff. Interviews will also be incorporated in the study.

SB001330

A Special Analysis of Vocational Education in the City of Chicago.
Organization: C. Joseph Ehrenberg and Associates, Ill.
Descriptive information unavailable.

SB001331 **VTP-813**

An Analysis of Secondary Area Vocational Centers in Illinois.
Project Director: Anderson, Edward T.
Organization: Illinois State Univ., Normal.
Funding Period: Start Date 14 Sep 70; End Date 30 Jun 71
The objectives of this project are to analyze the state in terms of existing center locations and identification of population areas not being served, analyze manpower trends, identify significant population groups not being served by a center, and examine the relationship between secondary area vocational centers and junior colleges in the state. An advisory group will be consulted during the study.

SB001332

Development of an On-Line Pupil Data Bank.
Organization: Springfield Public School District 16, Ill.
Descriptive information unavailable.

SB001333

The Development of a Systems Model(s) for the Collection, Processing, Summarization, and Comparison of Course Cost, Enrollment, and Reimbursement Data of the Community College Level (Phase I).
Organization: Illinois Univ., Urbana.
Descriptive information unavailable.

SB001334

Illinois Occupational Curriculum Project Phase I and II.
Organization: Joliet Junior Coll., Ill.
Descriptive information unavailable.

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SB001335

Implementation of State-Wide On-Site Evaluation System.
Organization: Illinois Univ., Urbana. Board of Trustees.
Descriptive information unavailable.

SB001336

Development of a Systematic Approach to Followup Evaluation.
Organization: Eastern Illinois Univ., Charleston.
Descriptive information unavailable.

SB001337

The Development of a System Model(s) for the Collection, Processing, Summarization, and Comparison of Course Costs, Enrollment, and Reimbursement Data of the Community College Level (Phase II).
Organization: Illinois Univ., Urbana. Board of Trustees.
Descriptive information unavailable.

SB001338

Illinois Occupational Curriculum Project Phase I and II.
Organization: Joliet Junior Coll., Ill.
Descriptive information unavailable.

SB001339

Review and Assessment of Impact on Occupational Education of DVTE Supported Activities.
Project Director: Carvell, Fred J.
Organization: Tadlock Associates, Los Altos, Calif.
Funding Period: Start Date 1 Mar 72; End Date 31 Aug 72
Contract and/or Control No.: RDC-A2-078
This project seeks to identify the changes taking place in occupational education as a result of the local, state, and federal research and development activities supported by the Division of Vocational and Technical Education (DVTE). Specifically, it will determine the degree to which DVTE is assisting member institutions in preparing for and implementing needed change, identify areas of occupational education requiring new or additional support from the DVTE, and provide guidelines for future expenditures on research and development.

SB001340

The World of Work as an Organizing Center for the Curriculum of the Elementary School.
Organization: Northern Illinois Univ., De Kalb.
Descriptive information unavailable.

SB001341

Facilitating Career Development at the Elementary School Level.
Project Director: Bailey, Larry J.
Organization: Southern Illinois Univ., Carbondale.
The goal of this study is to schematize a conceptual model and supporting literature that will provide guidelines and give impetus to career development programs for elementary school students. A career development model will be formulated and validated. A short-term workshop will acquaint potential users with the model. An instructional system will be designed, and guidelines and curriculum materials will be prepared.

SB001342

Nuclear Radiation Project Study.
Project Director: Baker, Paul R.

Organization: Community High School District 155, Crystal Lake, Ill.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: RDC-A2-056

This project will attempt to add a new dimension, the study of atomic radiation, to vocational education. Radiation effects, theory, methodology, techniques, instrumentation, applications and job possibilities are within the scope of this project. Special laboratory facilities will be developed for studying radiation.

SB001343

Cost Differential Analysis in Regular Secondary Vocational Programs and Area Vocational Centers in Illinois.
Organization: Southern Illinois Univ., Carbondale.

Descriptive information unavailable.

Fiscal Year 1973

SB001344

Maximizing Human Resource Development in the Five County Tier Region of Southern Illinois. An Occupational Education Planning Grant-Phase I.
Project Director: Jennings, Joel
Organization: Shawnee Junior Coll., Ullin, Ill.
Funding Period: Start Date 1 Aug 72; End Date 15 Mar 73

Focusing primarily on developing alternative occupational education approaches, this project seeks to maximize human resources in the economically disadvantaged five county tier region of Southern Illinois so as to encourage employment and self-fulfillment. It will also attempt to weave the human resource development program into the prosperous development of the region.

SB001345

A Study to Determine the Feasibility of Implementing Joint Agreements for More Efficient Utilization of Secondary Area Centers and Postsecondary Resources and Facilities.
Project Director: Arnold, Walter M.
Organization: Walter M. Arnold Associates, Inc., Arlington, Va.
Contract and/or Control No.: RFD-C-32-1

The objective of this project is to ascertain the advantages and disadvantages of various types of joint agreements versus the varied methods now employed and to provide alternative recommendations of feasible systems. A model pilot joint agreement and program between one or more public high schools and a community college will be designed and implemented.

SB001346

Computer-Based Guidance.
Project Director: Rosenthal, Lawrence E.
Organization: Chicago Board of Education, Ill.
Funding Period: Start Date 25 Jan 73; End Date 25 Sep 73

This project is designed to provide an interactive guidance system in one high school demonstration center so that students may explore job occupation descriptions, postsecondary institutions, and career job opportunities. A model system will be developed to help school districts implement computer-based guidance on a multi-school or multi-district basis. Interactive career education experiences will be provided for junior high school students.

SB001347

Analysis of Current Manpower Labor Market Information for Illinois.
Project Director: Hattwick, Richard E.
Organization: Western Illinois Univ., Macomb.
Funding Period: Start Date 1 Dec 72; End Date 31 Aug 73
Contract and/or Control No.: RDC-A3-103

This project seeks to review state and national literature which describes the uses of manpower information in the planning of local vocational programs and design and disseminate a publication which gives current sources of labor market information for Illinois, current labor market data which can be used for planning vocational programs, and a planning sequence to show state and local planners how manpower information can be related to planning.

SB001348

Statewide Assessment: Programs for the Disadvantaged (Secondary and Postsecondary Levels).
Project Director: Weisman, Lawrence
Organization: Southern Illinois Univ., Carbondale. Board of Trustees.
Funding Period: Start Date 1 Jan 73; End Date 31 Aug 73
Contract and/or Control No.: RDC-A3-113

This project seeks to survey secondary and postsecondary vocational programs for disadvantaged students funded either by special contractual agreement or under regular vocational funding. From this survey the most valuable activities of these programs will be identified and assembled into a model to develop an exemplary program.

SB001349

A Proposal for Statewide Assessment of Programs for the Handicapped (Secondary and Postsecondary Level).
Project Director: Burgener, V.E.
Organization: Technical Education Research Centers, Champaign, Ill.
Funding Period: Start Date 1 Dec 72; End Date 31 Aug 73

This project seeks to identify and assess secondary and postsecondary programs and projects for the handicapped funded since 1968 by the Division of Vocational and Technical Education, identify successful components of those programs, and develop a model program based on those components.

SB001350

Coal Mining Technology.
Project Director: Ahlfield, Herman E.
Organization: Wabash Valley Coll., Mt. Carmel, Ill.
Funding Period: Start Date 1 Jan 73; End Date 31 Dec 73

This project will study the cost and feasibility of providing initial program support for new and emerging occupations on a permanent basis. Specifically, project staff will write a report on the processes used and the problems encountered in the development of a new occupational program (coal mining technology). The project includes preparation of course briefs, audiovisual aids, and complete project evaluation.

SB001351

Manpower Assessment for New and Emerging Jobs in Environmental Area.
Project Director: Pratt, Arden L.
Organization: Southern Illinois Univ., Carbondale. Board of Trustees.
Funding Period: Start Date 1 Jan 73; End Date 30 Nov 73

This project seeks to locate and analyze state and local environmental vocational programs, determine the need for trained environmental control technologists based on the current labor market, prepare a list of industrial users of environmental control equipment and determine prerequisite training needed to operate the equipment.

SB001352

Statewide Survey of Adult Vocational Education Programs and Services (Secondary and Postsecondary Levels).
Project Director: Clark, Fredric
Organization: Success Research Consultants, Inc., Tinley Park, Ill.
Funding Period: Start Date 15 Nov 72; End Date 15 Aug 73
Contract and/or Control No.: RFP-C33-5

This project seeks to identify and document existing secondary and postsecondary adult vocational education programs and services funded by the Illinois Department of Vocational and Technical Education, the procedures used in adult worker placement, and the problems affecting enrollee success. On the basis of these findings, project staff will design and plan the implementation of a Model Adult Vocational Program responding to specific local needs.

SB001353

Develop and Test a Systematic Approach for Implementation of a Statewide Student Based Management Information System.

Project Director: Davis, Robert
Organization: Robert Davis Associates, Inc., Atlanta, Ga.
Funding Period: Start Date 1 Jan 73; End Date 30 Aug 73

This project intends to develop a supply and demand model for a responsive, student-based, statewide management information system. In a pilot project in Madison, Monrow, and St. Clair Counties, the project will first seek to accurately describe and interrelate current and projected manpower needs and current and projected vocational and technical education trainees and programs. A model based on that information will then be set up.

SB001354

Nuclear Radiation Project Study.
Project Director: Baker, Paul R.
Organization: Community High School District 155, Crystal Lake, Ill.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objectives of this project are to develop a laboratory-oriented, one-semester course in nuclear radiation; train some students for employment as nuclear technicians; motivate some students to go on to postsecondary nuclear technician schools; and make all students aware of peaceful uses of atomic energy while alleviating fear due to lack of understanding.

SB001355

Development of a Systematic Approach to Followup Evaluation.
Project Director: Joley, Charles L.
Organization: Eastern Illinois Univ., Charleston.
Funding Period: Start Date 1 Mar 72; End Date 28 Feb 73
Contract and/or Control No.: RDC-A2-079

This project seeks to design, develop, and test a system, usable by local vocational administrators, to gather, process, and interpret follow-up data from students graduating from or dropping out of a program to determine the relationship between the training and the job and the effectiveness of the vocational program. A second objective is to conduct a follow-up study to determine the impact of career education programs on post-high school employment experiences.

Fiscal Year 1974

SB001356

Maximizing Human Resource Development in the Five County Tier Region of Southern Illinois: An Occupational Education Planning Grant - Phase II.
Project Director: Grigsby, Richard
Organization: Shawnee Junior Coll., Ullin, Ill.
Contract and/or Control No.: RDC-B4-052

In its second year, this project seeks to maximize human resource potential in the economically disadvantaged five county tier region of Southern Illinois by designing delivery systems for occupational education and by determining the training needs of employers in the region, beginning a promotional campaign explaining vocational education, establishing a library of research that has been done in the area, and disseminating information the project has gathered.

SB001357 **VTP-1330**

Development of a Systematic Approach to Followup Evaluation-Phase II.
Project Director: Felstehausen, Joyce L.
Organization: Eastern Illinois Univ., Charleston.
Funding Period: Start Date 1 Sep 73; End Date 31 Aug 74

The objectives of this project are to evaluate the procedures, content, and formats established in Phase I; to identify alternatives for automating the system and select methods and formats to be used; and to automate and implement the system. Evaluation instruments will be mailed to local education agency contact personnel, and the results will be analyzed and tabulated. The system will then be defined.

SB001358 **VTP-1334**

Cost Differential Analysis in Regular Secondary Schools and Area Vocational Centers-Phase II.
Project Director: Nystrom, Dennis C.
Organization: Southern Illinois Univ., Carbondale. Board of Trustees.
Funding Period: Start Date 1 Sep 73; End Date 31 Aug 74

The objectives of this project are to design a cost accounting system for occupational program cost analysis, test the model with "live data" in four secondary schools and two area vocational centers, and make recommendations for implementing the system in the state. The proposed project will be divided into four major phases.

SB001359 **VTP-1331**

Analysis of Current Manpower Labor Market Information for Illinois Phase II.
Project Director: Hattwick, R.
Organization: Western Illinois Univ., Macomb. Center for Business and Economic Research.
Funding Period: Start Date 1 Oct 73; End Date 30 Jun 74

The objectives of this project are to evaluate the effectiveness of the openings forecasting manual, revise the manual on the basis of the evaluation, and improve the data base on which the manual has been constructed. Employers will be surveyed to determine patterns of utilizing vocationally trained manpower. Selected planners will be worked with closely to help them try out the manual.

SB001360 **VTP-1333**

Detail Design and Implementation of the DVTE Management Information System.
Project Director: Kane, Davis
Organization: Robert Davis Associates, Inc., Atlanta, Ga.
Funding Period: Start Date 1 Nov 73; End Date 31 Aug 74

The objectives of this project are to prepare the instruments necessary to operationalize a vocational education management information system (MIS) in the area, design the system so that it can be replicated, develop the necessary supportive materials to make the MIS system an integral part of the activities and establish the necessary data files to operate the system through a one-year cycle.

SB001361

Measuring Career Readiness in Elementary and Secondary Education.
Project Director: Gray, H. Dean
Organization: Southern Illinois Univ., Edwardsville.
Funding Period: Start Date 15 Jun 74; End Date 14 Jun 75

The objective of this project is to develop an instrument or instruments which will identify student's readiness and ability to integrate and use career information found in various school career programs. A pool of career questions of varying difficulty and sophistication will be developed. The questions will be factor analyzed and an instrument will be developed. A pilot study will be conducted.

SB001362

Assessment of the Status of Career Education Supported by the DVTE in Illinois.
Project Director: Carvell, Fred
Organization: Tadlock Associates, Los Altos, Calif.
Funding Period: Start Date 15 Apr 74; End Date 15 Apr 75
Contract and/or Control No.: RDC-A4-221

The purpose of this project is to provide a third-party assessment of the activities undertaken by the Division of Vocational and Technical Education (DVTE) to support career education in Illinois and evaluate efforts of local educational agencies receiving such support. This activity is intended to help develop a plan of action for future DVTE support of career education.

SB001363

A Design for a Regional Occupational Education Coordination Council - Phase I.
Project Director: Cassell, Frank H.
Organization: Northwestern Univ., Evanston, Ill. Graduate School of Management.
Funding Period: Start Date 1 Jun 74; End Date 30 Jun 75
Contract and/or Control No.: RDC-A4-222

A management information system for occupational education planning on a regional basis will be operationalized as a result of this project. A locally based regional council will be established to link up with a sophisticated Management Information System and tie

vocational education programming to actual job opportunities in a specified region.

SB001364

Survey of Governmental Agencies to Determine Job Opportunities and Related Training Possibilities.
Organization: Western Illinois Univ., Macomb.

Descriptive information unavailable.

Fiscal Year 1975

SB001365 VTP-1857

Measuring Career Readiness in Elementary and Secondary Education.
Project Director: Gray, H. Dean
Organization: Southern Illinois Univ., Edwardsville,
Funding Period: Start Date 15 Jun 74; End Date 14 Jun 75

The objective of this project is to develop an instrument or instruments which will identify student's readiness and ability to integrate and use career information found in various school career programs. A pool of career questions of varying difficulty and sophistication will be developed. The questions will be factor analyzed and an instrument will be developed. A pilot study will be conducted.

SB001366 VTP-1278

Assessment of the Status of Career Education Supported by the DVTE in Illinois.
Project Director: Carvell, Fred
Organization: Tadlock Associates, Los Altos, Calif.
Funding Period: Start Date 1 Nov 73; End Date 30 Sep 74

The objectives of this project are to identify Division of Vocational and Technical Education activities supporting career education; conduct onsite evaluation visits at a ten percent sample of local education agencies; survey the level of understanding of career education among educators, laypersons, and students; and provide a third-party assessment of career education. A review panel will assess all data collected.

SB001367 VTP-1858

A Design for a Regional Occupational Education Coordinating Council.
Project Director: Cassell, Frank H.
Organization: Northwestern Univ., Evanston, Ill. Graduate School of Management.
Funding Period: Start Date 1 Jun 74; End Date 1 Jun 75

The purposes of this study are to design a regional occupational planning system, pretest this model through interviews and feasibility studies, establish a model regional occupational education coordination council, produce actual vocational education policy decisions, and evaluate the ROECC and the MIS and the merger of both systems. A final report on the applicability of the model will be produced.

SB001368

Career Education Resource Laboratory C31-2
Project Director: Sanders, Carol
Organization: Eastern Illinois Univ., Charleston.
Funding Period: Start Date 1 Jun 73; End Date 30 May 74
Contract and/or Control No.: RDC-A3-127

The intent of this project is to provide coordinated programs and services via a centralized career education resource laboratory for rural school districts in East Central Illinois. Resources and Services will be made available to schools and will be used to more effectively present a program of career education in the public school system.

SB001369

Phase III of the DVTE-MIS Development Effort.
Project Director: Comstock, Roger W.
Organization: Robert Davis Associates, Inc., Atlanta, Ga.
Funding Period: Start Date 1 Oct 74; End Date 31 Dec 75
Contract and/or Control No.: RDC-C5-149

This is phase three of a project which seeks to create a vocational education management information system to generate information to assist state and local decision making. Objectives of the project include gathering data on occupational students and vocational training programs, gathering manpower demand information, and collecting follow-up information on occupational program completers and dropouts and the impact that occupational programs are having on the labor market.

SB001370

Development of a Systematic Procedure for Collecting, Processing and Analyzing Supply/Demand Data on Occupational Education Teachers.
Organization: Western Illinois Univ., Macomb.

Descriptive information unavailable.

SB001371

Career Awareness Demonstration Project: Grades One through Three.
Project Director: Bailey, Larry J.
Organization: Southern Illinois Univ., Carbondale.
Funding Period: Start Date 1 Nov 74; End Date 15 Aug 75
Contract and/or Control No.: RDC-A5-224

This project seeks to install and evaluate the effectiveness of the commercial version of the Career Development for Children Project (CDCP) curriculum materials, grades 1-3, in four demonstration schools. The objectives include conducting staff development for teachers, counselors and administrators, and evaluating product characteristics and effectiveness.

SB001372

A Study to Develop a Comprehensive Model Placement Center System for Adaptation and Use by Community Colleges and High Schools.
Project Director: Barrow, Connye
Organization: Triton Coll., River Grove, Ill.
Funding Period: Start Date 1 Nov 74; End Date 30 Jul 75
Contract and/or Control No.: C-5311

This project seeks to establish a comprehensive career placement resource center to provide students, faculty, and the community with accurate, up-to-date, and accessible placement information. It then will develop and field test a model placement center system for use by high schools and community colleges designed to implement the comprehensive placement objectives of these institutions.

SB001373

Revision of Construction Curriculum, Skill Development Procedures, and Relationships with Education Institutions.
Project Director: LeFlore, Robert
Organization: Chicago United, Inc., Ill.
Funding Period: Start Date 15 Jan 75; End Date 15 Aug 75
Contract and/or Control No.: C-5411

The objectives of this project include updating construction skill procedures to reflect changing technology in the construction industry, improving relations between the construction industry and educational institutions by providing in school work experience and direct graduate access to skilled trade positions, and developing procedures for more direct school involvement in construction projects.

SB001374

An Assessment of the Utilization of Part C and Part D Research and Development Funds in Illinois.
Project Director: Ramp, Wayne
Organization: Board of Trustees of Southern Illinois Univ., Carbondale.
Funding Period: Start Date 1 Aug 75; End Date 31 Jul 76

The objectives of this project are to determine the product utilization, the extent to which personnel have been affected in their professional capacity, and how educational personnel assess the service of the Research and Development Unit. Procedures will include reviewing the literature; conducting telephone interviews and visiting project sites; developing survey instruments; surveying projects by mail; and organizing, analyzing, and synthesizing the data collected for a final report.

SB001375

Production of Multiple Copies of Career Education Film Entitled "A Rose By Any Other Name."
Project Director: Appelgate, William
Organization: Southern Illinois Univ., Carbondale. Board of Trustees.
Funding Period: Start Date 11 Jul 75; End Date 4 Sep 75

This project seeks to produce six additional copies of a film, "A Rose By Any Other Name," to insure a quality print for each of the copies, and to deliver the six copies to the Division of Vocational and Technical Education.

Fiscal Year 1976

SB001376 VTP-2437

Feasibility of Establishing an Area Service Center for Providing Materials Acquisition and Distribution Resources Services in a Metropolitan Area.
Project Director: Henard, John
Organization: Regional Office of Education, Rockford, Ill.
Funding Period: Start Date 5 Sep 75; End Date 4 Sep 76

The objectives of this project are to research the feasibility of establishing an area resource center and a delivery system; establish a task force; research the needs of youths, adults, and school and agency personel; survey community resources; and establish the goals and scope of such a center. Workshops will be conducted, and a career education newsletter will be published.

SB001377 VTP-2438

Public Service Practicum.
Project Director: Ergang, George K.
Organization: Elk Grove High School, Ill.
Funding Period: Start Date 1 Sep 75; End Date 31 Aug 76

The objective of this project is to develop an interdisciplinary approach to public service career programs for high school students. These programs wil involve career awareness, use of community resources, and cooperative education. Academic study of political decision making and leadership will be combined with the placement of students in local public service agencies.

SB001378 VTP-2348

An Exploratory Study of Professional Opinions and Current Practices Regarding Career/Vocational Education for Exceptionally Gifted and Talented Students.
Project Director: Ellis, Joseph R.
Organization: Northern Illinois Univ., De Kalb. Coll. of Education.
Funding Period: Start Date 1 Aug 75; End Date 31 Jul 76
Contract and/or Control No.: C-6411

The goal of this project is to develop a monograph that will present a synthesis of the literature related to a comprehensive description of opinions, programs, and practices in career/vocatonal education for exceptionally gifted and talented students; describe the status of the programs; and identify a hypothesis for testing. A sample of projects and project personnel will be observed or interviewed.

SB001379 VTP-2354

Systems Development for Teacher Demand and Supply Model.
Project Director: Hattwick, Richard
Organization: Western Illinois Univ., Macomb.
Funding Period: Start Date 1 Oct 75; End Date 30 Jun 76

This project seeks to develop the teacher demand and supply component of the division of Vocational and Technical Education Management Information System. The data base used by the system will be enlarged. The project will be organized around three tasks involving setting the model, testing the model, and gathering new data.

SB001380 VTP-2439

Studying the Relationship Between Bilingual and Vocational Education.
Project Director: King, John
Organization: Southern Illinois Univ., Carbondale.
Funding Period: Start Date 1 Sep 75; End Date 31 Jul 76

The objectives of this study are to review the literature, evaluation reports, research, and other available data; analyze legislation, policies, demonstration/experimental project reports, and funding levels for vocational and bilingual education programs; and provide information concerning bilingual vocational program management and delivery. The final product will be a monograph on the relationship between bilingual and vocational education.

SB001381 VTP-2357

Tri-County Career Education Project.
Project Director: Musgrove, Paul B.
Organization: Tri-County Industry-Education-Labor Council, East Peoria, Ill.
Funding Period: Start Date 1 May 75; End Date 30 Jun 76

This project wil continue the work of the Tri-County Industry-Education-Labor Council. Its objectives include establishing a job information center; determining a new approach to business, industry, education, and labor cooperation; working to implement other vocational areas; and providing inservice workshops. Representatives from business, industry, and labor will be contacted to support the cooperative work training experience program.

SB001382 VTP-2345

Careers, Academics, and Life.
Project Director: Jackson, Charles J.
Organization: Illinois Univ., Urbana. Board of Trustees.
Funding Period: Start Date 1 Sep 75; End Date 31 Aug 76

The purpose of this project is to provide teachers with audiovisual examples of successful career integration within traditional subject areas and provide resource locations of demonstration schools that have integrated careers within traditional subject areas. Schools will be surveyed to identify activities, tools, and techniques for integration. A film will be produced, evaluated, and edited.

SB001383 VTP-2347

Development and Field Testing of Curriculum Modules for Teaching Occupational Survival Skills.
Project Director: Nelson, Robert
Organization: Illinois Univ., Urbana. Board of Trustees.
Funding Period: Start Date 1 Jan 76; End Date 31 Dec 76

Based upon studies completed as part of phase one of this project, twelve curriculum modules for teaching occupational survival skills to secondary students will be developed during the second phase. A teacher's guide will be prepared to assist in implementing the modules, which will be field tested in three high schools and revised as necessary.

SB001384 VTP-2344

Career Assistance and Placement Services: Implementation of a Comprehensive Career Placement Model for Secondary and Post-Secondary Schools.
Project Director: Barrow, Connye M.
Organization: Triton Coll., River Grove, Ill.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

This project is designed to coordinate implementation of a Career Assistance and Placement Services (CAPS) Model at representative settings to test the transportablilty of the procedures and materials developed for secondary and postsecondary education institutions. The project will also provide a thorough testing of the effectiveness of the CAPS model through full implementation.

SB001385 VTP-2351

Measuring Career Readiness in Elementary and Secondary Education (Phase II).
Project Director: Gray, H. Dean
Organization: Southern Illinois Univ., Edwardsville, Ill.
Funding Period: Start Date 1 Aug 75; End Date 31 Jul 76

The purpose of the project is to develop an instrument or instruments which will identify students' readiness and ability to integrate and use career information found in various school career programs. Pilot studies and large-scale field tests will be conducted, and validity, reliability, and norms will be established. A manual will be prepared to accompany the instruments.

SB001386 VTP-2350

A Marketability Study of Graduates of Illinois Agriculture Programs of Higher Education for the Purposes of: Student and Parent Advisement, Program Planning, and Program Changing.
Project Director: Woods, Harvey S.
Organization: Illinois State Univ., Normal. Dept. of Agriculture.
Funding Period: Start Date 15 Aug 75; End Date 31 Jul 76

The objectives of this study will be to obtain annual records of the first full-time career positions obtained by all agriculture graduates, assemble data in a manner that will show the marketability of graduates, and make the data available annually. A representative from each school will gather the data for that school. Follow-up visits to the schools will be made by the principal investigator for purposes of completing reports.

SB001387 VTP-2265

An Assessment of the Utilization of Part C and Part D Research and Development Funds in Illinois.
Project Director: Ramp, Wayne
Organization: Southern Illinois Univ., Carbondale. Board of Trustees.
Funding Period: Start Date 1 Aug 75; End Date 31 Jul 76

The objectives of this project are to determine the product utilization, the extent to which personnel have been affected in their professional capacity, and how educational personnel assess the service of the Research and Development Unit. Procedures will include reviewing the literature; conducting telephone interviews and visiting project sites; developing survey instruments; surveying projects by mail; and organizing, analyzing, and synthesizing the data collected for a final report.

SB001388 VTP-2349

The Impact of New Student Privacy Laws on Vocational Education Planning and Research.
Project Director: Steiger, JoAnn M.
Organization: Steiger, Fink and Smith, Inc., McLean, Va.
Funding Period: Start Date 13 Aug 75; End Date 16 Jun 76
Contract and/or Control No.: RFP-C-6911

This project seeks to produce a monograph which contains an analysis of laws and court rulings restricting the disclosure of information about students, an analysis of the ways these restrictions impact on planning and research in vocational education in Illinois, and suggestions for a policy framework that would allow the Department of Vocational and Technical Education to continue to plan and research within the context of the new laws.

SB001389

The Uncomplicated Elementary Career System for the "Real" Classroom.
Organization: Bloom Township High School District 204, Chicago Heights, Ill.

Descriptive information unavailable.

SB001390

Improve the Efficiency and Effectiveness of the MID.
Organization: Robert Davis Associates, Inc., Atlanta, Ga.

Descriptive information unavailable.

Fiscal Year 1977

SB001391

To Conduct a Basic Research Study to Ascertain the Effect(s) of the Advent of Solar Energy upon the Present and Future Vocational Program Needs in Illinois.
Project Director: Schriber, Peter
Organization: National Evaluation Systems, Inc., Amherst, Mass.
Contract and/or Control No.: RFP-C77-3

This project will provide needed information for vocational and technical schools to prepare trained personnel for new jobs in solar energy as the emerging need arises. The data collected will provide information about the kinds of jobs needed, the training they require, and when they will be available.

SB001392

A Marketability Study of Graduates of Illinois Agriculture Programs of Higher Education for the Purposes of: Student and Parent Advisement, Program Planning, and Program Changing (Phase II).
Project Director: Woods, Harvey S.
Organization: Illinois State Univ., Normal. Dept. of Agriculture.

This is Phase II of a project which will obtain annual records of the first full-time career positions obtained by all agriculture graduates, assemble data in a manner that will show the marketability of graduates, and make the data available annually. A representative from each school will gather the data for that school. Follow-up visits to the schools will be made by the principal investigator for purposes of completing reports.

SB001393

Career and Vocational Education in the 1980's.
Project Director: Bailey, Larry J.
Organization: Southern Illinois Univ., Carbondale.

Funding for this project will be used to publish and disseminate 3,000 copies of a monograph to acquaint career and vocational educational leaders with new and emerging concepts and principles of curriculum theory. Project staff will also conduct inservice workshops and evaluate readers' reactions to the monograph contents, conclusions, and recommendations.

SB001394

A Comprehensive Needs Assessment Study of Vocational Education Programs and Services Within Illinois.
Project Director: Mohrenweiser, Gary A.
Organization: Educational Management Services, Inc., Minneapolis, Minn.

This project is designed to inventory and profile characteristics of current vocational programs and services, determine the adequacy of vocational education programs and services in terms of present and projected needs, and document future feasible alternative implementation strategies. Study results will guide the growth and development of the local-state-federal partnership to provide vocational programs and services.

SB001395

An Assessment of Training Needs for Coal and Gasification Occupations.
Project Director: Nerden, J. T.
Organization: CONSERVA, Inc., Raleigh, N.C.

The goals of this project are to identify and assess present and future employment characteristics of major occupations in the coal and gasification industries, identify the education and training required, and differentiate educational and training needs by geographical areas. Data will be used to assess current and future needs for new programs and to design programs to serve these needs.

SB001396

Assessment for Vocational Program Needs and Development in Illinois Correctional Institutions.
Project Director: Anderson, Dennis B.
Organization: Southern Illinois Univ., Carbondale. Center for the Study of Crime, Delinquency and Corrections.
Contract and/or Control No.: C77-1-2

This project will evaluate vocational programs and practices within the correctional institutions and will aid in determining vocational program needs and priority areas for program development. A universal goal is to use vocational training as a mechanism for reducing recidivism.

SB001397

The Development and Implementation of a Program to Provide Community Career Resources.
Project Director: Henard, John C.
Organization: Boone-Winnebago Regional Office of Education, Rockford, Ill.

To expose more students to vocational and technical careers, this project will begin and administer a centralized program of career activities provided by area employers, develop a career resources manual for career education for area teachers, and expand a career

materials library. Project staff will provide inservice training in the use of the manual.

SB001398

The Uncomplicated Career Education System Designed for the "Real" Classroom.
Organization: Bloom Township High School District 206, Chicago Heights, Ill.

The aims of this project are to assess and update a locally-developed "Career Factivities" System, develop an elementary-directed Career Education Inservice System, develop a centrally located Resource Central for career education staff development, disseminate materials to elementary teachers in the state, and develop three extension programs.

SB001399

Career Education: How Do You Do It?
Project Director: Johnson, Merton L.
Organization: Illinois Univ., Urbana. Visual Aids Service.

Funds for this project will be used to produce a 16mm color sound film about thirty minutes long to give teachers and students an insight into the techniques and advantages of developing career education courses.

SB001400

Project MAVE (Model for Articulated Vocational Education).
Project Director: Fuller, Harold R.
Organization: Thornton Area Public School Association, South Holland, Ill.

To develop a planned sequence of instruction in vocational education and provide ways to close the gap between education and the world of work, this project will develop, test, evaluate, and refine a Vocational Education Articulation Model for use in Grades K-14. Three hundred copies of the completed model will be produced.

SB001401

Measuring Career Readiness in Elementary and Secondary Education.
Project Director: Gray, H. Dean
Organization: Southern Illinois Univ., Edwardsville.

This project will refine the Career Education Readiness Test (CERT) and identify career education experiences that can be coordinated with CERT profile results. The project wil run concurrently with a second grant to acquaint Illinois teachers with the CERT. The project will provide a guide to teachers to construct individualized career education experiences that correlate with each student's level of vocational awareness.

SB001402

Apprenticeship Instructors Teaching Program.
Project Director: Lambert, James E.
Organization: Greater Peoria Contractors and Suppliers Association, Inc., Ill.

The aims of this project are to develop, conduct, and evaluate an Apprenticeship Instructors Teaching Program to improve the teaching skills of craftsmen apprenticeship instructors who teach adults. Project staff will also develop and implement inservice workshops.

SB001403

The Compilation/Description of Interest Inventories Currently Utilized in Illinois.
Project Director: Anderson, Gregory Robert
Organization: Illinois Univ., Urbana. Div. of Human Development and Family Ecology.

This project is designed to assist counselors to use occupational interest inventories more appropriately by (1) compiling an annotated bibliography of occupational interest inventory surveys, (2) surveying the use of occupational interest inventories in Illinois, (3) assessing counselors' need for inventory information, and (4) evaluating inventories now in use. Project staff will prepare a counselor sourcebook in a format most useful for career and occupational counselors.

SB001404

An Improved Method for Training In-School Youth, Out-of-School Youth, and Adults for Careers in Inland Marine and Related Occupations.
Project Director: Parsons, William D.
Organization: William D. Parsons and Associates, Villa Park, Ill.

The purposes of this project are to identify manpower needs in the inland marine industry, determine how needs can be met, and determine what skill training is needed and where necessary education can be provided within the state. Project staff will develop skill delivery procedures and identify needs within geographical locations.

SB001405

An Assessment of Occupational Needs in Mining and Gasification Industries to Complement Preliminary Planning of a Land Reclamation Demonstration Center.
Project Director: Smith, Dean O.
Organization: Pinckneyville Community High School District 101, Ill.

The project aims to identify present and future vocational opportunities in the mining and gasification industries, identify interest in these careers among the students living in the survey area, and identify geographic areas most appropriate for new vocational programs, if necessary. Project staff will carry out preliminary planning to establish a land reclamation demonstration center, which when operable will provide career training in identified occupations and reclaim public-owned land.

SB001406

Analyzing Sex Bias in Career Choice of Students Exposed to Career Education Programs.
Project Director: MacDowell, Michael A.
Organization: Northern Illinois Univ., De Kalb.

The aims of this project are to determine what differences in learning about careers and the world of work result from sex differences, analyze sex related bias in career education programs, discover the extent to which unbiased exemplary career education programs can change attitudes toward careers, and provide recommendations to school districts wishing to remove sex bias from career and vocational programs.

SB001407

Further Analysis of Expanding Career Options Curriculum.
Project Director: Fink, Arlene
Organization: Steiger, Fink, and Kosecoff, Inc., McLean, Va.

This project will provide futher analysis of the data gathered in the field testing of the Expanding Career Options curriculum. Curricular materials were developed for grades 7-14 dealing with the needs of women for vocational education in a wide area of traditional and nontraditional women's fields. The analysis will provide information to plan an appropriate dissemination strategy for the curriculum.

SB001408

Investigation of Professional Orientations and Attitudes of Part-Time Teachers of Adult Vocational Education Programs.
Project Director: Stitt, Thomas R.
Organization: Southern Illinois Univ., Carbondale.

The purpose of this project is to compare the levels of professional orientation, work experience, previous teacher training, and attitudes of community college and high school part-time teachers of adult vocational education with existing national data. The information is expected to establish a data base for decision making for strategies to improve the quality of instruction delivered by part-time adult vocational education teachers in community colleges.

Part D

Fiscal Year 1970

SB001409

Computerized Vocational Information System Project CVIS.
Organization: Willowbrook High School District 88, Villa Park, Ill.
Descriptive information unavailable.

SB001410

West Central Hancock County Vocational Joint Agreement Demonstration Center.
Organization: Carthage High School, Ill.
Descriptive information unavailable.

SB001411

Vocational-Technical Education Public Information Program.
Organization: Saint Louis Regional Industrial Demonstration Center, Ill.
Descriptive information unavailable.

SB001412

An Exemplary Program in Prosthetic - Orthotic Education.
Organization: Fenger Southeast Coll., Ill.
Descriptive information unavailable.

SB001413

Preparedness Program.
Organization: Parkland Coll., Champaign, Ill.
Descriptive information unavailable.

SB001414

Air Frame - Power Mechanics Program for Upper Classmen.
Organization: Cahokia School District 187, Ill.
Descriptive information unavailable.

SB001415

Aviation Mechanic Program.
Organization: East St. Louis School District 189, Ill.
Descriptive information unavailable.

Fiscal Year 1971

SB001416

An Exemplary Program in Prosthetic - Orthotic Education.
Organization: Fenger Southeast Coll., Ill.
Descriptive information unavailable.

SB001417

Preparedness Program.
Organization: Parkland Coll., Champaign, Ill.
Descriptive information unavailable.

SB001418

Exemplary Demonstration and Dissemination Center for Project CVIS-Phase VI and Phase VII.
Organization: Villa Park Community High School District 88, Ill.
Descriptive information unavailable.

SB001419

De Kalb County Pre-Vocational and Vocational - Special Needs Varied Exemplary Project.
Organization: De Kalb County Demonstration Center, Ill.
Descriptive information unavailable.

SB001420

Demonstration Center for a Comprehensive Home Economics Program in a Medium Size High School.
Organization: Flora High School, Ill.
Descriptive information unavailable.

SB001421

LPN-RN Exemplary Project.
Organization: Chicago City Colleges, Ill. Olive-Harvey Community Coll.
Descriptive information unavailable.

Fiscal Year 1972

SB001422

Air Frame - Power Mechanics Program for Upper Classmen.
Organization: Cahokia School District 187, Ill.
Descriptive information unavailable.

SB001423

Aviation Mechanic Program.
Organization: East St. Louis School District 189, Ill.
Descriptive information unavailable.

SB001424

Exemplary Demonstration and Dissemination Center for Project CVIS-Phase VI and Phase VII.
Organization: Villa Park Community High School District 88, Ill.
Descriptive information unavailable.

SB001425

LPN-RN Exemplary Project.
Organization: Chicago City Colleges, Ill. Olive-Harvey Community Coll.
Descriptive information unavailable.

SB001426

The Exemplary Program in Technical Education: Industrial Engineering Technology Based on Integrated Measurably Stated Behavioral Objectives.
Project Director: Van Raes, Robert M.
Organization: Moraine Valley Community Coll., Oak Lawn, Ill.
This program will prepare students to enter industry as technologists with certificates of specialization. This project is designed to allow students to proceed at their own rates based on predetermined objectives. The project is divided into three phases of one year each: the first year will be used to plan and begin development of materials, the second year will be for implementation of the materials, and the third year will be for completion and evaluation of the materials.

SB001427

Demonstration Center for a Comprehensive Vocational Home Economics Program.
Organization: Lyons High School, Ill.
Descriptive information unavailable.

SB001428

Complete Model Horticultural Alternatives Packages for Schools with Existing Facilities.
Organization: Naperville Community High School, Ill.
Descriptive information unavailable.

SB001429

Complete Model Horticulture Demonstration Packages for Illinois Schools.
Organization: Rochelle Township High School District 212, Ill.
Descriptive information unavailable.

SB001430

Horticultural Instructional Packages: Demonstration Center Alternatives for Occupational Education in Illinois.
Organization: Skokie High School District 73 1/2, Ill.
Descriptive information unavailable.

SB001431

SIVE Demonstration Center.
Organization: Miles Township High School, Ill.
Descriptive information unavailable.

SB001432

Horticultural Demonstration Packages Demonstration Center.
Organization: Alton Community High School, Ill.
Descriptive information unavailable.

SB001433

Vocational Information Project.
Organization: Thornton High School, Ill.
Descriptive information unavailable.

SB001434

Demonstration Center, Elementary Career Education Project.
Organization: Joliet Public Schools, Ill.
Descriptive information unavailable.

Fiscal Year 1973

SB001435

Secretarial Science Program.
Organization: Waubonsee Community Coll., Sugar Grove, Ill.
Descriptive information unavailable.

SB001436

An Exemplary Demonstrative Center for Career Education Showing How Teachers Work With Disadvantaged Children in the Elementary School.
Organization: School District 89, Ill.
Descriptive information unavailable.

SB001437

Demonstration Center for Comprehensive Occupational Education Program Planning.
Organization: Sycamore Community Unit-School District 427, Ill.
Descriptive information unavailable.

SB001438

Advanced Standing for LPN in ADN Program.
Organization: Chicago City Colleges, Ill. Olive-Harvey Coll.
Descriptive information unavailable.

SB001439

The Exemplary Program in Technical Education: Industrial Engineering Technology Based on Integrated Measurably Stated Behavioral Objectives.
Project Director: Van Raes, Robert M.
Organization: Moraine Valley Community Coll., Oak Lawn, Ill.
Funding Period: Start Date 1 Sep 73; End Date 31 Aug 74

This program is designed to prepare the student to enter industry as a technologist with a certificate of specialization. The project is designed to allow the student to proceed at his own rate based on predetermined objectives. The total project is divided into three separate phases of one year each: the first year will be used to plan and begin development of materials, the second year will be used for implementation of the materials, and the third year will be used for completion and evaluation of the materials.

SB001440

Career Education Information Campaign.
Organization: Saint Louis Regional Industrial Development Corp., Ill.
Descriptive information unavailable.

SB001441

Aviation Mechanics Program.
Organization: East St. Louis District 189, Ill.
Descriptive information unavailable.

SB001442

An Airframe-Power Mechanics Program for Upper Classmen - High School Students.
Organization: Cahokia Unit District 187, Ill.
Descriptive information unavailable.

SB001443 VTP-1364

Nuclear Radiation Project Study.
Project Director: Phelps, William
Organization: Community High School District 155, Crystal Lake, Ill.
Funding Period: Start Date 20 Aug 73; End Date 30 Jun 74

The objectives of this project are to finalize a text and a teacher's guide on nuclear radiation, continue teaching the course with feedback for the final draft, explore the feasibility of the course for first-year college level, and serve as the demonstration center. A brochure about the demonstration center will be prepared and mailed to high schools.

Fiscal Year 1974

SB001444 VTP-1353

The Exemplary Program in Technical Education: Industrial Engineering Technology Based on Integrated Measurably Stated Behavioral Objectives.
Project Director: Van Raes, Robert M.
Organization: Moraine Valley Community Coll., Oak Lawn, Ill.
Funding Period: Start Date 1 Sep 73; End Date 31 Aug 74

This project is designed to prepare the student to enter industry as a technologist with a certificate of specialization and to allow the student to proceed at his own rate based on predetermined objectives. The total project is divided into three separate phases of one year each: the first year will be used to plan and begin development of materials, the second year will be used for implementation of the materials, and the third year will be used for completion and evaluation of the materials.

SB001445

Nuclear Radiation Project Study, Phase II.
Project Director: Baker, Paul R.
Organization: Community High School District 155, Crystal Lake, Ill.
Contract and/or Control No.: RDC-A2-056

This project will attempt to add a new dimension, the study of atomic radiation, to vocational education. Radiation effects, theory, methodology, techniques, instrumentation, applications and job possibilities are within the scope of this project. Special laboratory facilities will be developed for studying radiation.

SB001446 VTP-1363

An Impact Assessment of Demonstration Centers as a Dissemination Technique.
Project Director: Ellis, Joseph R.
Organization: Northern Illinois Univ., De Kalb.
Funding Period: Start Date 28 Jan 74; End Date 1 Nov 74

The objectives of this project are to determine the extent to which the centers are achieving their objectives and what components contribute thereto; the major impact the centers have had on students, educators, and programs; and what facilitating and constraining factors were reported associated with the centers. Onsite visits will be made to talk with the staff and survey the attendees. The information will be analyzed, and recommendations will be made for operation

of future centers.

SB001447 VTP-1254

An Exemplary Program in Occupational Education for the Veteran.
Project Director: Deloch, Jessie B.
Organization: Contol Systems Research Inc., Ill.
Funding Period: Start Date 1 Jan 74; End Date 31 Dec 74

The aims of this project are to assess the occupational education and information services presently being provided to Vietnam veterans and identify the needs of the veterans. A comprehensive index of occupational education and information service resources will be assembled, survey instruments will be prepared and administered to representative samples of veterans, and an analysis of veterans' needs will be prepared.

SB001448 VTP-1362

Career Education for the Handicapped.
Project Director: Loken, Mary F.
Organization: Springfield School District 186, Ill.
Funding Period: Start Date 15 Apr 74; End Date 14 Apr 75

The objective of this project is to redefine and develop inadequate or nonexistent areas of a career education program into visible components and incorporate these components into a comprehensive model. The refinement and field testing of a model career education program for the handicapped will include finding and assessing additional components, determining which aspects of the model are operational, and developing and field testing the procedures for operationalizing the components.

SB001449 VTP-1365

The Tri-County Career Education Project.
Project Director: Musgrove, Paul
Organization: Tri-County Industry-Education-Labor Council, East Peoria, Ill.
Funding Period: Start Date 15 Mar 74; End Date 15 Jan 75

The purposes of this project are to determine the feasibility of establishing an area planning council, implement a Management Information System model, establish a tri-county placement center, and study a new approach to industry-education-labor cooperation. Area leaders wil be contacted to enlist their support and expand the nummer of cooperative work training agreements. Data relative to the objectives will be regularly collected and disseminated.

SB001450

To Develop and Demonstrate a Heavy Equipment Program in Operation and Maintenance.
Project Director: Pollack, Steve
Organization: Edwards Senior High School, Albion, Ill.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purpose of this project is to establish a demonstration center for educators to visit an innovative heavy equipment program in operation, plan three field days to demonstrate the new materials, update the present course of study and field test all new materials developed, and print a brochure on use of federal surplus property and how it can be used in vocational programs. An interview survey form will be developed to gather information to update the course of study.

SB001451 VTP-1811

Thinking for Action in Career Education.
Project Director: Smutny, Joan
Organization: National College of Education, Evanston, Ill.
Funding Period: Start Date 28 Jun 74; End Date 27 Jun 75

The goals of this project are to research the current use of critical and creative thinking in the development of value judgments and attitudes as an approach to career readiness in high schools and plan, design, and develop three packets of materials for use by high school students. These packets will be field tested in three urban, three suburban, and two rural Chicago-area schools, and a follow-up evaluation on the efectiveness of the materials will be completed.

SB001452 VTP-1361

DISCOVER - A Computer-Based Career Guidance and Administrative Support System.
Project Director: Harris, JoAnn
Organization: Community High School District 88, Villa Park, Ill.
Funding Period: Start Date 1 Mar 74; End Date 30 Jun 74

The objectives of this project are to write an interactive dialogue which implements the proposed module, lay definite plans with IBM for the completion of the system, and assure funding for the completion of the system. The guidance development team will be responsible for writing the dialogue.

Fiscal Year 1975

SB001453

Implementation and Field Testing of the Adult Vocational Education Model Program.
Project Director: Jack, Robert L.
Organization: Thornton Community Coll., South Holland, Ill.
Funding Period: Start Date 1 Jun 74; End Date 31 May 75
Contract and/or Control No.: D-4515

Objectives of this project are to define and improve a viable adult vocational education system, using the model presented in RDC-A3-144, implement and evaluate the system model, and produce a replicable model for implementation throughout the state. In six phases, Thornton Community College will review, improve, implement, field test, revise, and publish the replicable model.

SB001454

Exemplary Program in Occupational Education for the Veteran.
Organization: Control Systems Research, Inc., Arlington, Va.

Descriptive information unavailable.

SB001455

The Tri-County Career Education Project.
Project Director: Musgrove, Paul
Organization: Tri-County Industry-Education-Labor Council, East Peoria, Ill.
Funding Period: Start Date 15 Mar 74; End Date 15 Jan 75

The objectives of this project are to determine the feasibility of establishing an area planning council, implement a Management Information System model, establish a tri-county placement center, and study a new approach to industry-education-labor cooperation. Area leaders wil be contacted to enlist their support and expand the nummer of cooperative work training agreements. Data relative to the objectives will be regularly collected and disseminated.

SB001456 VTP-1856

To Develop and Demonstrate a Heavy Equipment Program in Operation and Maintenance.
Project Director: Pollack, Steve
Organization: Edwards Senior High School, Albion, Ill.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purpose of this project is to establish a demonstration center for educators to visit an innovative heavy equipment program in operation, plan three field days to demonstrate the new materials, update the present course of study and field test all new materials developed, and print a brochure on use of federal surplus property and how it can be used in vocational programs. An interview survey form will be developed to gather information to update the course of study.

SB001457

Career Education for the Handicapped.
Project Director: Loken, Mary F.
Organization: Springfield School District 186, Ill.
Funding Period: Start Date 15 Apr 74; End Date 14 Apr 75
Contract and/or Control No.: RDD-A4-230

This program seeks to develop and implement a comprehensive model program for career education for the handicapped, starting with and refining a program already developed and operational in the Springfield Public Schools. Once the model is developed, the project will produce a detailed manual of operational procedures applicable to a system-wide secondary career education program for the handicapped.

SB001458

Vocational Programs for Disadvantaged Students in Illinois.
Project Director: Weisman, Lawrence
Organization: Southern Illinois Univ., Carbondale. Board of Trustees.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

Objectives of this project are to gather baseline data pertaining to the effectiveness of the current mode of funding programs for disadvantaged, secondary vocational students; develop a set of guidelines useful to administrators and line personnel in establishing or revising vocationally oriented educational programs for these students; and implement feasibility studies about unsubstantiated aspects of the recommended programs.

SB001459 VTP-1525

Development of Materials and Procedures for Teaching Occupational Survival Skills.
Project Director: Nelson, Robert E.
Organization: Illinois Univ., Urbana.
Funding Period: Start Date 1 Sep 74; End Date 31 Aug 75

The purpose of this project is to develop a curriculum guide for teaching occupational survival, field test the materials, develop two measurement instruments to determine the value of the materials and the techniques used to implement the materials into the high school curriculum, and design alternative methods for implementation. Materials and activities will be developed from critical incidents. Inservice workshops will be conducted for teachers.

SB001460

The Development of Activities for Broadening the Scope of Involvement of Young Women in Occupational Education.
Project Director: Steiger, JoAnn M.
Organization: Steiger, Fink and Smith, Inc., McLean, Va.
Funding Period: Start Date 7 Oct 74; End Date 5 Sep 75
Contract and/or Control No.: RFP-D-5521

This project seeks to (1) produce a comprehensive report on trends in the employment and education of women, focusing on implications for vocational education policy; (2) produce pamphlets, one directed to school administrators and one directed to families, summarizing the research report; (3) develop curricular materials for grades 7-14 dealing with the needs of women for vocational education in a wide area of traditional and nontraditional women's fields; and (4) field test and validate the curricular materials.

SB001461

An Action Research Model for Classroom Teachers.
Project Director: Jason, Martin
Organization: Roosevelt Univ., Chicago, Ill. Coll. of Education.
Funding Period: Start Date 15 Oct 74; End Date 31 Aug 75
Contract and/or Control No.: RFP-D-5524

This project's objectives include designing, implementing, evaluating, and disseminating an action research model for classroom teachers in occupational education; developing in participants a knowledge of and appreciation for action research skills; assisting classroom teachers to operate an action research project; and producing a protocol guide for conducting action research in occupational classrooms.

SB001462

A Proposal to Operationalize an Exemplary Demonstration Center for Sequential Programs in Occupational Education.
Project Director: Hallisy, Patricia
Organization: Chicago Board of Education, Ill.
Funding Period: Start Date 1 Apr 75; End Date 31 Aug 75
Contract and/or Control No.: RDD-A5-242

The project seeks to develop an exemplary demonstration center for sequential programs in occupational education; identify and implement sequential programs in each of DVTE's five occupational areas to meet the interests, abilities and needs of the student body; and document the planning activities involved in implementing sequential programs for other local educational agencies.

Fiscal Year 1976

SB001463 VTP-2355

Thinking for Action in Career Education (TACE) (Phase II).
Project Director: Smutny, Joan
Organization: National Coll. of Education, Evanston, Ill.
Funding Period: Start Date 28 Jun 75; End Date 29 Jun 76

The objectives of this project will be to continue the development and implementation of the Thinking for Action in Career Education (TACE) project; complete the development of the first two TACE packets; plan, design, and develop two additional critical and creative thinking career education packets; and field test the two additional packets. A review panel to evaluate materials in progress will continue to be utilized. A follow-up evaluation on the effectiveness of the materials will be completed.

SB001464 VTP-2352

A Proposal to Operationalize an Exemplary Demonstration Center for Sequential Programs in Occupational Education, Phase II.
Project Director: Hallisy, Patricia
Organization: Chicago Board of Education, Ill.
Funding Period: Start Date 16 Dec 75; End Date 30 Aug 76

This project will continue as a cooperative effort to develop an exemplary demonstration center for sequential programs in occupational education. Implementation of two sequential programs in each of the division's five occupational areas is planned. A plan for course and program evaluation will be determined, information and test results of members of the target groups will be tabulated, and the format for course instruction will be determined.

SB001465 VTP-2436

An Evaluation Design for Field Testing a Guide to Action Research for the Occupational Education Practitioner.
Project Director: Jason, Martin H.
Organization: Roosevelt Univ., Chicago, Ill. Coll. of Education.
Funding Period: Start Date 1 Sep 75; End Date 31 Aug 76

The objectives of the project are to field test the guidebook by obtaining feedback, conduct two 1-day demonstration and evaluation conferences, and incorporate feedback suggestions into the revised copies. Occupational educators will be asked to evaluate the guide according to the guide itself and its application value. Feedback by both mail and personal interviews will be elicited at several points.

SB001466 VTP-2356

To Develop a Diffusion-Oriented Ancillary Service to Expand Occupational Education.
Project Director: Deloch, Jessie B.
Organization: Kappa Systems, Inc., Chicago, Ill.
Funding Period: Start Date 15 Sep 75; End Date 14 Sep 76

The goal of this project is to develop a diffusion-oriented ancillary service design aimed at expanding occupational education training opportunities and occupational information for the veteran. An occupational education task force will be formed, and materials, procedures for implementation, and instruments will be developed. At least two components of the ancillary service design will be field tested, and feedback will be used to refine the design.

SB001467 VTP-2346

Develop, Field Test and Disseminate a Program of Instruction for a Course in Heavy Equipment Operation and Maintenance for High School Students (Continuation).
Project Director: Pollack, Steve
Organization: Edwards County Community Unit District 1, Albion, Ill.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

The goal of this project is to complete, field test, and revise a course of study and curriculum guide in heavy equipment operation and maintenance for high school students. Consultant services will be provided for schools requesting assistance. Printed brochures on Use of Federal Surplus Property and Heavy Equipment Program will be provided.

SB001468 VTP-2353

State-Wide Dissemination of Adult Vocational Education Management Model.
Project Director: Clark, Fredric
Organization: Success Research Consultants, Inc., Tinley Park, Ill. Div. of Educational Services.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

This project is designed to improve the quality of adult vocational education (AVE) through improved management and provide a mechanism for this improvement. The procedures include finalizing the AVE Management Model, providing a minimum of ten dissemination workshops, and producing a videotaped version of the workshops.

SB001469

Systematic Field Testing of Curriculum Materials for Broadening the Scope of Involvement of Young Women in Occupational Education.
Organization: Steiger, Fink and Kosecoff, inc., McLean, Va.

Descriptive information unavailable.

Fiscal Year 1977

SB001470

Tri-County Career Education Project.
Organization: Tri-County Industry-Education-Labor Council, East Peoria, Ill.

Descriptive information unavailable.

SB001471

Consortium of Vocational Educators and Employers (COVEE).
Project Director: Finn, Harold
Organization: Madison County Regional Office of Education, Edwardsville, Ill.

The goals of this project are to continue to develop and test a regional planning model of vocational educators, bring together a representative group of vocational educators and employers to identify areas of mutual concern and take cooperative action on those concerns, and provide a process and product report of activities supported by the agreement.

SB001472

Development and Field Testing of Curriculum Modules for Teaching Occupational Survival Skills (Phase III).
Project Director: Nelson, Robert E.
Organization: Illinois Univ, Urbana.

This is Phase II of a project to develop a curriculum guide for teaching occupational survival. In this phase, twelve curriculum modules will be field tested and evaluated in about ten high schools, instruments will be developed to determine the value of the materials, a curriculum guide will be developed, and alternative procedures for implementing the modules into the curriculum will be identified.

SB001473

CAPS II Project: (Career Assistance and Placement Services).
Project Director: Barrow, Connye
Organization: Triton Coll., River Grove, Ill.

The goal of the project is to disseminate the Career Assistance and Placement Services (CAPS) Model for comprehensive career placement services for secondary and postsecondary educational institutions. Project staff will use a broad dissemination system which includes producing 1,000 copies of the revised CAPS Resource Manual, conducting eleven workshops to explain the model, supporting development of career assistance and placement services through demonstrations and inservice training, and conducting five follow-up evaluation workshops.

SB001474

Survival Skills and Curricula for Bilingual and Spanish-Speaking Students of Vocational Education in Illinois.
Project Director: Justiz, Manuel
Organization: Southern Illinois Univ., Carbondale.

This is Phase I of a project to aid instructors in the proper delivery of specialized bilingual training materials designed to enhance occupational survival of bilingual-bicultural individuals. Project staff will develop an outline or an approach for an easily usable instructor's handbook on instructional methodology for teaching survival skills to Spanish-speaking students in vocational programs. The production of the handbook would occur in Phase II.

SB001475

Curriculum Guide for a Seminar-Type Course to Provide Pre-Employment Skills to Vocational Students Entering the World of Work.
Project Director: Pollack, Steve
Organization: Edwards Senior High School, Albion, Ill.

The project goals include: (1) developing and field testing a model program to provide pre-employment skills to vocational students entering the world of work, (2) providing all persons who write the local vocational plan in secondary schools a curriculum guide for providing pre-employment skills to students completing vocational programs, and (3) developing a self-study packet of materials for students to gain pre-employment skills.

SB001476

A Proposal to Operationalize an Exemplary Demonstration Center for Sequential Programs in Occupational Education, Phase III.
Project Director: Hallisy, Patricia
Organization: Chicago Board of Education, Ill.

In Phase III of this project, plans for an exemplary demonstration center for sequential programs in occupational education will be implemented; sequential programs identified in each of DAVTE's five occupational areas that meet the interests, abilities, and needs of the student body will be implemented; and planning and development activities involved in implementing sequential programs for other local educational agencies will be demonstrated.

SB001477

Far West Laboratory/Experience-Based Career Education Technical Assistance.
Project Director: Chatham, Karen
Organization: Far West Lab. for Educational Research and Development, San Francisco, Calif.

This project will provide needed technical assistance to implement the Far West Experience-Based Career Education Program into the Joliet and Sycamore School Districts as part of the Illinois EBCE project.

SB001478

Northwest Regional Educational Laboratory/Experience-Based Career Education Technical Assistance.
Project Director: Hagans, Rex
Organization: Northwest Regional Educational Lab., Portland, Oreg.

The aim of the project is to provide needed technical assistance and staff training to implement the Northwest Regional Educational Laboratory Experience-Based Career Education Program into the Decatur Public Schools as part of the Illinois EBCE project.

SB001479

Demonstration Center for Child Care Training.
Organization: Chicago City Colleges, Ill.

Descriptive information unavailable.

SB001480

Public Service Practicum.
Project Director: Chierico, Richard
Organization: Elk Grove High School District 214, Elk Grove Village, Ill.

This continuation project seeks to develop an interdisciplinary approach to public service career programs for high school students. These programs wil involve career awareness, use of community resources, and cooperative education. Academic study of political decision making and leadership will be combined with the placement of students in local public service agencies.

INDIANA

Part C

Fiscal Year 1971

SB001481

Vocational Health Occupations Respiration Theory Phase I.
Organization: Lawrence Township Metropolitan School District, Indianapolis, Ind.

This project is the first phase of a three-phase program development project to design a two-year training program to meet the essential requirements for the Certified Inhalation Therapy Technician Training Program.

SB001482

Curriculum Development and Computerized Evaluation in Vocational Education.
Project Director: Pennington, Don E.
Organization: Washington Township Metropolitan School District, Indianapolis, Ind.
Funding Period: Start Date 1 Jun 70; End Date 30 Jun 75

This five-year, computer-assisted program intends to develop and expand its state-wide Vocational Education Data System as a model for all state vocational schools and develop and implement (1) a self-evaluating cluster curriculum for all vocational program areas to include computerized quality control for instruction, (2) an objective means of evaluating existing vocational programs for reimbursement purposes (criteria rating), (3) a centralized vocational education data processing system, and (4) an occupational training program in data processing.

SB001483

Developmental Project at Indiana State University Resource Center.
Organization: Indiana State Univ., Terre Haute.

The purpose of this project is to develop an instructional resource center for inservice and preservice vocational and technical teacher education. Procedures will include identifying and searching current materials from standard educational, governmental, business, and industrial sources.

SB001484

Feasibility Study for an Area Vocational School.
Project Director: Robbins, Clarence
Organization: Bartholomew Consolidated School Corp., Columbus, Ind.
Contract and/or Control No.: 0365-C

This project will conduct five area vocational school feasibility studies according to guidelines established by the State Department of Public Instruction, as set forth in "Procedures for Establishing Area Vocational Schools in Indiana." To ascertain vocational needs and interests, the project will conduct a survey to determine area job opportunities and manpower needs and will collect data concerning students, parents, the community, and local school organizations.

SB001485

Drafting - Computer Plotter Training Program.
Project Director: Pointer, Richard A.
Organization: Vincennes Univ., Ind.
Funding Period: Start Date 1 Jan 71; End Date 28 Feb 73

This project will design an inexpensive computerized drafting course with hardware and software that can be made available to any high school drafting program in the state. The university will purchase a GE225 computer, a teletype machine, and a flatbed plotter and will develop a software package and a student ready-reference manual with instructions on using the system and its software.

SB001486

An Evaluation of the Purdue University Agriculture Education Apprenticeship Program.
Project Director: Field, Ralph G.
Organization: Purdue Univ., Lafayette.
Funding Period: Start Date 1 Jan 71; End Date 31 Aug 71

This project will conduct a comprehensive evaluation study of the past five years of the apprenticeship program to (1) follow up on students' occupations and reactions to the program, (2) develop an organized way of evaluating the program, (3) compare program participants who became vocational agriculture teachers with teachers not in the program, and (4) make suggestions for future programs based on data collected.

SB001487

VOCEDS Project - Computerized Data System.
Organization: Vincennes Univ., Ind.

Funding for this project will assist the program for curriculum development and computerized evaluation in vocational education by providing computerized quality control for vocational education instruction and a centralized vocational education data processing system.

SB001488

Developing and Testing Through a Pilot Program the Related Mathematics Essential for the Vocational Machines Tool Area.
Project Director: Rayschich, Daniel
Organization: Elwood City Schools, Ind.
Funding Period: Start Date 1 Dec 70; End Date 31 Dec 73
Contract and/or Control No.: 5280

The objective of this project is to bring the vocabulary and concepts of the related mathematics for machine-tool trades in line with those of elementary and secondary modern math. The "Pilot School Course of Study for Vocational Machine-Tool Trades" will be used to develop and test a modern, related mathematics course for the machine-tool trade areas of vocational education.

Fiscal Year 1972

SB001489 **VTP-615**

A Study of the Vocational and Educational Plans of the 1972 Graduating Class of High School Seniors.
Organization: Indiana Vocational Technical Coll., Indianapolis.
Funding Period: Start Date 1 Jan 72; End Date 30 Sep 72

The purpose of the study is to refine and expand the information for use by high school and four year college officials. The vocational and educational plans of the 1972 seniors will be determined for program priority planning; financial information will be secured in order to plan student aid needs; and information will be provided concerning the pattern of enrollment plans, commuting distances, and general migration of students to the state's postsecondary institutions.

SB001490 VTP-871

Follow-Up Study of Upper Wabash Vocational School Graduates.
Organization: Upper Wabash Vocational School, Ind.

The objective of this study is to determine if graduates of vocational programs are employed directly in their training areas, in related areas, or in areas not related to their training; if vocational schools should be offering different or additional programs to meet the labor market and student needs of the communities; and if the school should change course content in training areas to better train graduates for specific skilled jobs. A mailed questionnaire will be used to obtain this information.

SB001491 VTP-870

A Pilot System for Research Development Product Dissemination Within the State of Indiana.
Project Director: Harris, Robert C.
Organization: Indiana Univ., Bloomington.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The purpose of this project is to develop a coordinated dissemination system. The project will coordinate existing dissemination technology in a plan designed to provide information and access to material searches for all vocational personnel within the state. A coordinated information dissemination plan will be developed, and a computer search system will be provided.

SB001492 VTP-868

A Proposal to Expand the Capabilities of the Instructional Resource Center, Vocational-Technical Department, School of Technology.
Project Director: Eachus, Thomas
Organization: Indiana State Univ., Terre Haute. Dept. of Vocational-Technical Education.
Funding Period: Start Date 1 Jul 72; End Date 1 Jul 74

The objective of this study is to expand the capabilities of the instructional resource center in the areas of materials for inservice and preservice vocational and technical teacher education. The procedures of this study include identifying and searching current materials from standard educational, governmental, business, and industrial sources.

SB001493 VTP-873

Intensive Office Laboratory Follow-Up and Evaluation.
Project Director: Krueckeberg, Harry F.
Organization: Indiana State Univ., Terre Haute. Bureau of Business Research.
Funding Period: Start Date 1 Mar 72; End Date 1 Jan 73

The goal of this project is to facilitate an evaluation of the Intensive Office Laboratory (IOL) in order to provide students with the most beneficial experiences possible. After the field interviews have been completed and the questionnaires have been refined, individual meetings will be scheduled with each of the regional directors and the IOL coordinators in that area.

SB001494 VTP-869

Conducting and Evaluating Practical Research.
Project Director: Krueckeberg, Harry F.
Organization: Indiana State Univ., Terre Haute. Bureau of Business Research.
Funding Period: Start Date 1 Dec 71; 31 Aug 72

The purpose of this project is to facilitate and encourage practical research by distributive education students, motivate students to develop new information on their own, and stimulate the improvement of research procedures used by distributive education coordinators and students. A publication will be developed and distributed for use in distributive education classes.

SB001495 VTP-872

A Plan for Development of Photographic Process for Overhead Transparencies.
Project Director: Eachus, Thomas,
Organization: Indiana State Univ., Terre Haute. Dept. of Vocational-Technical Education.

The objective of this project is to expand the sources and availability of the overhead transparency. By using the equipment at hand and teachers who are able to advise regarding the appropriate content, a significant form of instructional media will be made available to all vocational teachers in the subject chosen for development.

SB001496

Development of an Independent Study Instrument Unit Concerned with the Metric System of Measurement - A Guide to the Metric System.
Project Director: Householder, Daniel L.
Organization: Purdue Univ., Lafayette, Ind.
Funding Period: Start Date 1 May 72; End Date 30 Jun 73
Contract and/or Control No.: 447-72-C

This project intends to produce an instructional unit on the metric system including reading passages on concepts of length, time, mass, weight, and temperature; evaluate the unit by testing student acquisition and retention of content; and issue a publication entitled "A Guide to the Metric System."

SB001497

Promotion of Area Center.
Project Director: Fallace, J. H.
Organization: Gary Vocational Technical Center, Ind.
Contract and/or Control No.: 448-72-C

This project will develop a film illustrating program offerings to be shown in the area to promote the Gary Vocational Technical School and vocational education and to influence enrollment. The film will be a set of slides from thirteen selected areas with scripts written by instructors to explain course activities.

SB001498

A Teacher In-Service Training Program in Effective Career Decision Making.
Project Director: Oliver, Montague
Organization: Saint Joseph Calumet Coll., East Chicago, Ill.
Funding Period: Start Date 1 Sep 72; End Date 31 Aug 73
Contract and/or Control No.: 449-72-C

The objectives of this inservice training project are to (1) help teachers understand career development theory; (2) increase teacher effectiveness in interaction with students; (3) offer special training to enable teachers to positively affect student self-concept development; and (4) help teachers gain an understanding of new methods, systems, and skills.

SB001499

A Project to Develop Self-Instructional Materials for Upgrading Licensed Teachers.
Project Director: Reckerd, Thomas E.
Organization: Indiana State Univ., Terre Haute.
Funding Period: Start Date 1 May 72; End Date 28 Feb 76
Contract and/or Control No.: 453-72-C

This project seeks to develop multimedia self-instructional materials for conditionally licensed vocational teachers who are skilled in their areas of instruction but have little teacher training. Procedures include performing a limited task analysis of the basic functions of a beginning conditional teacher; exploring existing instructional systems in various types of media; and developing short modules on evaluation, how students learn, etc.

SB001500

A Research Study for the Development and Evaluation of an Allied Health Program in Respiratory Therapy at the Secondary Level.
Project Director: Apple, W. C.
Organization: Lawrence Township Metropolitan School District, Indianapolis, Ind.
Funding Period: Start Date 1 Sep 72; End Date 31 Aug 73
Contract and/or Control No.: 457-72-C

In phase III of this three-year study, the project will design a two-year program to meet the essential requirements for the Certified Inhalation Therapy Technician Training Program. Secondary students will receive indepth training and clinical experience in all areas at the Indiana University Medical Center. The program will include a three-month internship during the summer.

SB001501

Piloting the Career Education Curriculum Guide.
Project Director: Keiser, Jerry
Organization: Benton City Schools, Ind.
Contract and/or Control No.: 450-72-C

This project will develop a localized career education curriculum, revise the curriculum guide to include modifications and new materials developed by the pilot schools, and provide a sequential career awareness curriculum. Pilot schools will serve as demonstration sites for the state.

SB001502

Lake County Area Vocational Feasibility Study.
Project Director: Ignas, Edward
Organization: Ross Township Community Schools, Merrillville, Ind.
Contract and/or Control No.: 47-72-C

This study seeks to determine the feasibility of establishing a vocational school for Areas 2, 3, and 4, excluding Gary, Hammond, and Griffith counties. Ross Township School Corporation will be the local education agency for the study.

SB001503

The Level of Administrator, Counselor, and Student acceptability of Alternative Agri-Business Educational Programs in Indiana Secondary Schools.
Project Director: Hilst, A. R.
Organization: Purdue Univ., Lafayette, Ind.
Funding Period: Start Date 1 May 72; End Date 11 Sep 75
Contract and/or Control No.: 445-72-C

The objective of this research study is to determine student interest in alternative agricultural subjects and correlate student responses to those of teachers, counselors, and administrators. A survey questionnaire including descriptions of twenty vocational agribusiness subjects will be given to randomly selected groups of eighth grade students, vocational agribusiness teachers, guidance counselors, and secondary school superintendents.

SB001504

Attitude Study - Information Acquisition and Attitudes Modification in Occupational Oriented Education.
Project Director. Householder, Daniel L.
Organization: Purdue Univ., Lafayette, Ind.
Funding Period: Start Date 1 Jun 72; End Date 31 Jan 76
Contract and/or Control No.: 446-72-C

The purpose of this research study of public and parochial school students in grades 6-8 is to investigate the effects of industrial arts course work upon students' attitudes toward work. Traditional industrial arts, World of Work, and Unified Arts curricula will be used; a thirty-item five-interval Likert scale, entitled "What's Your Opinion" will be administered; and several one-way analyses of variance will be performed.

SB001505

A System to Integrate Efforts of Universities, Counselor Educators and Vocational Educators to Develop a Stronger Counselor Training Program.
Project Director: Brown, Darine F.
Organization: Indiana Univ., Bloomington.
Contract and/or Control No.: 46-73-C

The purpose of this project is to strengthen those aspects of counselor training that prepare the counselor to function effectively in a comprehensive system of guidance and counseling, especially with regard to career guidance, placement, and follow-up. Specific objectives are to enable counselors-in-training, practicing school counselors, and university counselor educators to improve their competencies in and increase their knowledge of career education concepts, manpower needs, and employment patterns and trends; increase their skills in student assessment techniques; and improve their abilities in assisting students in career planning and decision making.

Fiscal Year 1973

SB001506

An In-Depth Study and Evaluation of the Vocational Horticulture Program in the Secondary Schools in Indiana.
Project Director: Clouse, James P.
Organization: Purdue Univ., Lafayette, Ind.
Funding Period: Start Date 1 May 73; End Date 30 Jun 74
Contract and/or Control No.: 43-73-C

This study of the vocational horticulture program will be conducted by means of a survey in twenty secondary schools. Its purpose is to determine significant interactions between teachers, current students, and graduates in terms of job entry level in a horticultural occupation, job satisfaction, satisfaction with horticulture training, desire for further education, and recommendation of horticulture courses to others.

SB001507

A System to Integrate Efforts of Universities, Counselor Educators and Vocational Educators to Develop a Stronger Counselor Training Program.
Project Director: Brown, Darine F.
Organization: Indiana Univ., Bloomington.
Funding Period: Start Date 1 Jan 73; End Date 31 Dec 73
Contract and/or Control No.: 46-73-C

The purpose of this continuing project is to strengthen those aspects of counselor training that prepare the counselor to function effectively in a comprehensive system of guidance and counseling, especially with regard to career guidance, placement, and follow-up. Specific objectives are to enable counselors-in-training, practicing school counselors, and university counselor educators to improve their competencies in and increase their knowledge of career education concepts, manpower needs, and employment patterns and trends; increase their skills in student assessment techniques; and improve their abilities in assisting students in career planning and decision making.

SB001508

Instructional Materials Laboratory Maintenance of the Development for In-Service and Pre-Service Vocational-Technical Teacher Education.
Project Director: Reckerd, Thomas
Organization: Indiana State Univ., Terre Haute.
Contract and/or Control No.: 48-73-C

This project intends to assist vocational teachers by determining the curriculum needs for various program areas and courses. Curriculum materials will be obtained from teachers and others in the vocational education field in Indiana and from the East Central Consortium of States.

SB001509

The Development of a Vocational Management by Results Model for State and Local Vocational Administration to Create an Annual and Five-Year Plan for High Schools in Indiana.
Project Director: Ignas, Edward
Organization: Ross Township School Corp., Merrillville, Ind.
Funding Period: Start Date 1 Jan 73; End Date 31 Jan 74
Contract and/or Control No.: 49-73-C

Objectives of this project to improve the performance of state and local vocational administrators include (1) designing and producing a vocational management-by-results training model, (2) developing a vocational administration training model to retrain state department personnel and area vocational directors, (3) coordinating methods and techniques for improving vocational teaching and training effectiveness, and (4) devising a model school vocational administration training manual.

SB001510

Career Education Program Helping All in Counseling.
Project Director: Hollis, Joseph W.
Organization: Ball State Univ., Muncie, Ind.
Contract and/or Control No.: 45-73-C-31

This project intends to better prepare counselors to counsel youth regarding career development and to serve as consultants for teachers regarding career education. Counselor education course content, materials, and techniques will be modified to promote positive attitudes toward career education. Objectives include providing preprofessional and professional counselors with field internships in business, industry, and government.

SB001511

A Study of Vocational Education Teachers of the Disadvantaged with Implications for Teacher Education.
Project Director: White, Thomas
Organization: Indiana Univ., Bloomington. Dept. of Vocational Education.
Funding Period: Start Date 1 May 73; End Date 30 Jun 74
Contract and/or Control No.: 44-73-C

The purpose of this study is to examine those educational programs for the disadvantaged which are supported by the Indiana State Board for Vocational and Technical Education and make recommendations regarding future education for professional personnel involved in such programs. Procedures will include designing two instruments, mailing the questionnaires and analyzing the data, and making field visitations to ten programs.

SB001512 VTP-2006

An Identification of Employment Pattern and Analysis of Factors Influencing the Earning of Indiana High School Vocational Graduates.
Project Director: Richardson, Bill
Organization: Purdue Univ., Lafayette, Ind. Dept. of Education.
Funding Period: Start Date 1 Jul 73; End Date 17 Feb 75

The objectives of this project are to obtain from graduates of secondary vocational programs information concerning the first job taken, identify the graduates' types of employment both six months and one year after completion of the vocational program, identify starting salaries and the patterns and amounts of raises, and determine the correlation between factors of the employment pattern and vocational program type. Students from a stratified random sample of twenty-five schools which offer vocational education programs will be selected for the survey.

SB001513

Development of a Pre-Vocational Program for Freshman Students in a Comprehensive Area Vocational School.
Project Director: Parson, William E.
Organization: Hammond City Schools, Ind.
Contract and/or Control No.: 61-73-C

This project is designed to develop a prevocational program for freshman students in a comprehensive area vocational school. The program will include the cluster areas of graphics, metals, construction, and electricity-electronics. The project intends to develop student career awareness and work attitudes, provide an educational assessment of the need for a tenth grade prevocational program, and provide community involvement in the vocational education process.

SB001514

A Feasibility Study of the Need to Establish a Youth Organization for Interdisciplinary Cooperative Education (ICE) Programs in Indiana.
Project Director: White, Thomas R.
Organization: Indiana Univ., Bloomington.
Funding Period: Start Date 1 Jun 73; End Date 31 Jul 74
Contract and/or Control No.: 53-73-C

The purpose of this project is to determine if students and cordinators in the ICE program will be served better by establishing a correlative youth club. This feasibility study will explore the need to establish a youth club, identify objectives and desirable characteristics of such an organization, and explore plausible means of implementing a state-wide ICE-related youth organization.

SB001515

Mini-Grant for the Assessment of the Duties and Responsibilities of Vocational Education Administrators in Indiana.
Project Director: Reckerd, Thomas
Organization: Indiana State Univ., Terre Haute.
Contract and/or Control No.: 54-73-C

This project will develop, field test, and use a questionnaire to analyze the duties and responsibilities of vocational education administrators in the various types of agencies implementing vocational education, i.e., comprehensive high schools, area vocational schools, career centers. The role as viewed by the local vocational director and superintendent will be compared with the role as seen by the Division of Vocational Education.

SB001516 VTP-1093

A Project to Research the Coordination and Communication Possibilities Between State Agencies Involved with Vocational Education and Promotional Activities to Implement Concluded Programs.
Project Director: Howard, Robert E.
Organization: Indiana Dept. of Public Instruction, Indianapolis.

This project will establish a communication linkage between all agencies and organizations involved in vocational education services. The project will also research the possibilities of a coordinated system of legislative objectives and assist in promoting any legislative program developed by the previously mentioned communication linkage and coordination system. Findings and progress will be reported to the State Board of Vocational and Technical Education.

SB001517

Subject Matter Content and Teaching Methods Appropriate for a Junior High Agriculture Program.
Project Director: Vinyard, Carl
Organization: Tippecanoe School Corp., Lafayette, Ind.
Funding Period: Start Date 1 Jul 73; End Date 30 Nov 74
Contract and/or Control No.: 55-73-C

This project seeks to obtain suggestions from selected teachers of agriculture concerning subject matter and methods of instruction for junior high career-oriented agriculture programs, evaluate and consolidate these ideas and develop a sequential listing of modules for a junior high agriculture program, and prepare and distribute materials to selected teachers for them to test and evaluate.

SB001518

Evaluation of Consumer Education Foundations.
Project Director: White, Thomas R.
Organization: Indiana Univ., Bloomington.
Funding Period: Start Date 1 May 73; End Date 30 Jun 74
Contract and/or Control No.: 52-73-C

This project to evaluate student awareness of consumer impact intends to construct, validate, and standardize an achievement test for this ninth grade course, based on the objectives as stated in the rationale and process files of Consumer Education Foundations. Procedures include selecting objectives for evaluation, having the test validity judged by a panel of experts, and performing a statistical analysis.

SB001519

Intensive Office Laboratory Follow-Up and Evaluation - Part III.
Project Director: Ford, Wynnie
Organization: Indiana State Univ., Terre Haute.
Funding Period: Start Date 1 Jan 73; End Date 31 May 75
Contract and/or Control No.: 57-73-C

Funding will provide for distribution of 1000 copies of final reports representing Phases I and II of this continuing project.

SB001520

Mini-Grant to Develop a Slide Presentation of Plant Specimens for Use in Vocational Horticulture.
Project Director: Rowen, Russell J.
Organization: Evansville-Vanderburgh School Corp., Ind.
Funding Period: Start Date 1 Apr 73; End Date 30 Apr 75
Contract and/or Control No.: 50-73-C

This project will develop a slide presentation of fifty-two plant specimens for use in vocational horticulture. Procedures will include having local landscape architects develop a primary list and using an advisory committee of landscape architects and nurserymen to finalize the list, develop the information for each plant used, and locate each specimen for collection and photographing.

SB001521

LAPs–For Those Who Hear a Different Drummer.
Project Director: Ball, K. Louise
Organization: Evansville-Vanderburgh School Corp., Ind.
Contract and/or Control No.: 56-73-C

This project for developing audiovisual aids for coordinator orientation intends to produce a master slide tape presentation depicting the use of Learning Activity Packs (LAPs) in the classroom and the value of the LAPs to the distributive education coordinator as a

means of enabling all students to achieve success in the distributive education program.

SB001522

A Program to Develop a Laser as an Electronics Class Project.
Project Director: Kirby, Gerald V.
Organization: Southeastern Indiana Vocational School, Versailles, Ind.
Contract and/or Control No.: 51-73-C

This two-year project involving eighty junior and senior high students will determine the feasibility of building a laser in a secondary electronics class, assess the value of such a project to the electronics curriculum, and develop model educational strategies for completing projects of this nature. Students will investigate research material, develop schematics, and construct the laser under the supervision of the instructor.

SB001523

Indiana's VIP Treatment Brochure.
Project Director: Bainter, Jack J.
Organization: Indianapolis Public Schools, Ind.
Contract and/or Control No.: 29-73-C

By printing and disseminating approximately 25,000 brochures, this project will inform returning Indiana veterans of public vocational education institutions and programs in which they may enroll.

SB001524 **VTP-1094**

Mobile Training Unit - A Total Community Approach.
Organization: Penn-Harris-Madison School Corp., Mishawaka, Ind.

The aim of this continuing project is to provide both preservice and inservice training for school personnel through a variety of approaches and programs. A self-contained mobile unit supports the activities of the center's programs. In preparing educators for involvement in accountable school-wide career education programs, a systems approach will be used. Each of the five stages builds upon the preceding one to effect positive learner change.

SB001525

Career Orientation of Low Income Urban and Rural Youth.
Project Director: Pond, Martin T.
Organization: Purdue Research Foundation, Lafayette, Ind.
Funding Period: Start Date 1 Oct 73; End Date 31 Mar 75

The objective of this project is to identify differences in the orientation to the world of work of low income and non-low income youth, twelve to eighteen years of age, residing in the central city and suburbs of a metropolitan area, and a rural community. A review of the current literature and labor market conditions will be made to determine the essential elements of a career orientation program and the socioeconomic conditions under which it would function. An instrument will be developed to determine the orientation of youth under the existing conditions.

SB001526

Mobile Unit to Provide In-Service Career Education.
Project Director: Ruff, Eldon E.
Organization: Indiana Univ., South Bend. Indiana Career Resource Center.
Contract and/or Control No.: 13-73-C

Through the mobile training unit, the Indiana Career Resource Center carries concepts, materials, and consulting staff throughout the state. This project will evaluate the effectiveness of a mobile unit program in communicating to Indiana educators the rationale and methodology of structuring meaningful career education models for classroom guidance and for curriculum infusion.

SB001527

Area Vocational School Feasibility Study in West Central Indiana.
Project Director: Dailey, C. Merrill
Organization: Crawfordville Community School Corp., Ind.
Contract and/or Control No.: 24-73-C

This study of the feasibility of providing expanded vocational programs will (1) assess vocational and technical education needs, (2) identify the extent to which vocational and technical programs are currently available, (3) determine potential support for expanded programs, and (4) determine the types of occupations held by high school graduates of 1965 from a large section of west central Indiana.

Fiscal Year 1974

SB001528 **VTP-1479**

Identification and Evaluation of Student Admissions and Evaluation Procedures for the Vocational Nursing Programs in the State of Indiana.
Project Director: Ormiston, Michael
Organization: Fort Wayne Community Schools, Ind. Regional Vocational Center.
Funding Period: Start Date 1 Jun 74; End Date 31 May 75

This project will identify selection and admission policies and procedures for each of the state-approved programs in vocational nursing. Among the factors to be studied are student evaluation procedures and the validity and reliability of achievement tests and proficiency exams. Student success criteria and follow-up procedures will be identified at each school. The project will also identify the best current practices, support suggestions for new aproaches, and disseminate the recommendations to the schools involved.

SB001529 **VTP-1480**

Course Content for Teaching Electrical Discharge Machining for the Secondary Vocational Level.
Project Director: Lewis, Delbert
Organization: Mid-Central Area Vocational School, Elwood, Ind.
Funding Period: Start Date 15 Jun 74; End Date 15 Jan 75

This project will simplify technical data and information so that it may be better understood at the secondary level. Course content for teaching electrical discharge machining (EDM) at the secondary level will be organized; teaching aids, practical exercises, and tips for teaching EDM will be developed; and students will be informed of the advantages and applications of EDM. Through the use of written tests, the materials, aids, and methods can be evaluated and revised when needed.

SB001530 **VTP-1481**

Mini-Project to Develop an Individual Instruction Mode for the Course "You and the World of Work."
Project Director: Spence, Bill
Organization: Vincennes Univ. Junior Coll., Ind.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of this project is to utilize and sequence "You and the World of Work" into an individualized instruction mode which will alow voctional students to enter and complete the course without the constraints of the traditional semester. The research will consist of searching, gathering, and sorting available materials; preparing new materials; and packaging the program into nonsequential units.

SB001531 **VTP-1482**

Development of Supervised Experience Program Record Books for Students Enrolled in Indiana Vocational Agribusiness Programs.
Project Director: Stump, Ned
Organization: Prairie Heights High School, Ind.
Funding Period: Start Date 1 Aug 74; End Date 31 Aug 75

The objectives of this project are to provide relevant record-keeping materials for vocational agribusiness students and develop, publish, and distribute these materials to the vocational agribusiness departments. A committee of state vocational agribusiness instructors will be selected to review materials and determine the effective usable materials and needs.

SB001532 **VTP-1483**

Development of Instructional Materials for Use by Indiana Vocational Teachers in Teaching Leadership and Character Development to Youth in Indiana.
Project Director: Richardson, William B.
Organization: Purdue Univ., Lafayette, Ind. Div. of Sponsored Programs.
Funding Period: Start Date 15 Jul 74; End Date 14 Jul 75

The objectives of this project are to identify by a task analysis leadership skills and character traits that are important for vocational students and categorize those skills into topical areas for which three-stage learning packages will be developed. Current literature will be searched for existing instructional and simulation materials and for

methods and procedures which can be adapted. A teacher's manual will be developed for each of the packages.

SB001533 VTP-1484

Developing and Maintaining a District Center to Provide Services for Teacher-Coordinators in BOE, Graduates of BOE Programs, and the Business Community.
Project Director: Barrett, Marva K.
Organization: Tri-Creek School Corp., Lowell, Ind.
Funding Period: Start Date 1 Jun 74; End Date 31 May 75

The objectives of this project are to establish a center or library for Region I which will house teaching materials, audiovisual materials, a centralized student placement service, and program follow-up. The efficiency of centralizing these materials on a district level rather than a local level will be determined. The effectiveness of the center will be evaluated after a specified period of time.

SB001534 VTP-1159

Career Orientation of Low Income Urban and Rural Youth.
Project Director: Pond, Martin T.
Organization: Purdue Research Foundation, Lafayette, Ind.
Funding Period: Start Date 1 Oct 73; End Date 31 Mar 75

The purpose of this project is to identify differences in the orientation to the world of work of low income and non-low income youth, twelve to eighteen years of age, residing in the central city and suburbs of a metropolitan area, and a rural community. A review of the current literature and labor market conditions will be made to determine the essential elements of a career orientation program and the socioeconomic conditions under which it would function. An instrument will be developed to determine the orientation of youth under the existing conditions.

SB001535

A Needs Assessment of Region V in Indiana for Area Planning.
Organization: Marion Community Schools, Ind.

The objectives of this project are to (1) design a system for collecting usable manpower data to be used in state-wide planning, (2) test the designed system in one of the fourteen planning and development regions, (3) evaluate and compare data collected from the system with that from other sources, (4) develop a system for manpower data utilization, and (5) report results.

SB001536

A Dissemination System for the Indiana Research Coordinating Unit.
Project Director: Harris, Robert C.
Organization: Indiana Univ., Bloomington. Dept. of Vocational Education.
Contract and/or Control No.: 28-74-C-32

The objectives of this project are to publish five issues of COMMUNIQUE with an emphasis on research findings and conclusions relating to vocational and technical education; make available to the Department of Vocational Education personnel and directors of funded research projects in Indiana, the Indiana University computer-search system of the ERIC document file, PROBE; and disseminate the regional lab publication, CRITIQUES, to secondary and postsecondary instructional and administrative personnel.

SB001537

A System to Integrate Efforts of Universities, Counselor Educators and Vocational Educators to Develop a Stronger Counselor Training Program.
Project Director: Brown, Darine F.
Organization: Indiana Univ., Bloomington.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: 28-74-C-30

The purpose of this continuing project is to strengthen those aspects of counselor training that prepare the counselor to function effectively in a comprehensive system of guidance and counseling, especially with regard to career guidance, placement, and follow-up. Specific objectives are to enable counselors-in-training, practicing school counselors, and university counselor educators to improve their competencies in and increase their knowledge of career education concepts, manpower needs, and employment patterns and trends; increase their skills in student assessment techniques; and improve their abilities in assisting students in career planning and decision making.

SB001538

Career Education Program Helping All in Counseling.
Project Director: Hollis, Joseph W.
Organization: Ball State Univ., Muncie, Ind.
Funding Period: Start Date 1 Sep 74; End Date 31 Aug 75
Contract and/or Control No.: 28-74-C-31

This project intends to better prepare counselors to counsel youth regarding career development and to serve as consultants for teachers regarding career education. Counselor education course content, materials, and techniques will be modified to promote positive attitudes toward career education. Objectives include providing pre-professional and professional counselors with field internships in business, industry, and government.

SB001539

A Needs Assessment of Region V in Indiana.
Project Director: Jessup, Roger L.
Organization: Marion Community Schools, Ind.
Contract and/or Control No.: 28-74-C-36

The objectives of this project are to (1) design a system for collecting usable manpower data to be used in state-wide planning, (2) test the designed system in one of the fourteen planning and development regions, (3) evaluate and compare data collected from the system with that from other sources, (4) develop a system for manpower data utilization, and (5) report results.

SB001540

Career Resource Mobile Training Unit.
Project Director: Dudley, Gerald O.
Organization: Indiana Univ., South Bend. Indiana Career Resource Center.
Contract and/or Control No.: 28-74-C-29

This mobile training unit will provide a readily available display of career development curriculum and media materials, serve as a laboratory where educators can prepare curriculum and program materials for their local career education projects or as a counseling room, and be a visible reminder of Indiana's exploration of educational strategies for career education.

SB001541 VTP-1473

Model Career Placement Service.
Project Director: Chapman, Darrell
Organization: La Porte Community School Corp., Ind.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The goals of this project include providing a career placement service for students, graduates, postgraduates, and dropouts; obtaining information about local industry and making this data available to the school for career education instruction; establishing an advisory committee to encourage community support for the program; and preparing a student introduction card system to provide an automatic follow-up from the employer of a placed student.

SB001542 VTP-1475

Placement Service Model.
Project Director: Lewis, Delbert E.
Organization: Mid-Central Area Vocational School, Elwood, Ind.
Funding Period: Start Date 1 Jun 74; End Date 31 May 75

This project intends to provide a vehicle for job availability of the graduates who have developed skills and job competencies, provide a needs assessment for individual program evaluation, serve the local and area employment needs of the community, and provide the field testing and development of a useful model to be used by any local education agency.

SB001543 VTP-1476

A Proposal to Develop a Comprehensive State-Wide Assessment and Evaluation Plan for Indiana's Vocational-Technical Activities.
Project Director: Gannon, F. B.
Organization: Bowker, Gannon and Associates, Crawfordsville, Ind. New Educational Directions.

Funding Period: Start Date 1 May 74; End Date 31 Aug 74

The objectives of this project are to develop a comprehensive assessment and evaluation program plan encompassing all levels, facets, and populations served by vocational activities and estimate the costs of applying the plan. A two-day working session with representatives already involved in evaluations will be held, and a modular system for the assessment and evaluation of all facets of vocational and technical education will be developed.

SB001544

Horticulture Seminar.
Project Director: Ward, James R.
Organization: Charles Allen Prosser Vocational Center, New Albany, Ind.
Funding Period: Start Date 1 Jun 74; End Date 31 Jul 74

The objectives of this project are to develop curriculum materials and skills pertinent to instruction in ornamental horticulture, familiarize teachers with equipment and supplies needed and methods of using them, and share teaching techniques and problems. The general design of the course centers on demonstrations and teacher participation in practicing the various skills as they are presented.

SB001545 **VTP-1478**

General Related Instruction Guide for Vocational Distributive Education (Revision).
Project Director: Surber, Kenneth
Organization: Fort Wayne Community Schools, Ind.
Funding Period: Start Date 1 Jun 74; End Date 31 May 75

The purpose of this project is to provide a convenient manual for distributive education teacher-coordinators to be used as a guide for general related classroom activities. An advisory committee will serve as consultants and will provide additional contacts for the research. Plans to include units of suggestions for new and experienced coordinators are being considered.

SB001546 **VTP-1474**

Strategies for a Placement Service at the LEA Community Level.
Project Director: Field, Charles E.
Organization: New Albany-Floyd County Consolidated School Corp., Ind.
Funding Period: Start Date 1 Jun 74; End Date 31 May 75

This project will develop instruments to assess the placement needs of business and industry. The project will also develop a minicourse on obtaining and keeping a job, compose a model prospectus to promote placement with potential employers, develop strategies for a job fair, develop a placement and release-time brochure, compose record forms needed for the placement office, and develop a communication system between placement coordinator and faculty.

Fiscal Year 1975

SB001547

Determination of the Employment and Educational Plans and the Occupational Choices of Seniors in Indiana High Schools' Class of '75.
Project Director: Lisack, J. P.
Organization: Purdue Univ., Lafayette, Ind. Office of Manpower Studies.
Contract and/or Control No.: 2-75-C

This project seeks to help high school seniors make educational, career, and employment plans upon graduation. Students will complete a questionnaire and be provided lists of all Indiana postsecondary institutions, educational programs, and numerous occupations. Staff will report the assessment data to participating schools and to Indiana postsecondary institutions and add them to data for 1966, 1969, and 1972.

SB001548 **VTP-2042**

Postsecondary On-Site Evaluation Visits for Public Postsecondary Institutions.
Project Director: Mann, Phillip M.
Organization: Indiana Vocational Technical Coll., Indianapolis.
Funding Period: Start Date 1 Feb 75; End Date 31 Dec 75

The objectives of this project are to provide onsite teams for evaluation of institutions or programs related to institutional objectives; provide feedback for improvement of the system through observation and other techniques; and provide a written report for the institution or program as requested.

SB001549 **VTP-2047**

The Development of a Competency-Based Multi-Occupational Curriculum for Flexible Programming of the Transportation Cluster.
Project Director: West, B. R.
Organization: Carmel Clay School Corp., Ind.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will select and appoint a Transportation Advisory Committee to advise on the definition of the transportation cluster as stated in the goals of the project and advise on the analysis and development of three areas of the total cluster: auto mechanics, auto body repair, and small engine repair. A teacher will be employed in these areas to research and develop the competency-based multiple occupational program.

SB001550 **VTP-2048**

Development and Implementation of an In-Service Training Program for Curriculum Development in an Area Vocational School.
Project Director: Brown, H. Ross
Organization: South Central Area Vocational School, West Washington, Ind.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The objectives of the project are to improve the teaching of all existing courses in the area vocational school. A vocational educator will be employed to work with all teachers to locate and acquire curricula materials for each program. Information will be gathered from area employers to determine specific training needs in each program. Courses of study will be revised or developed to meet the needs of the job market.

SB001551 **VTP-2049**

DE Consortium of State Teacher Education Institutons for In-Service Personal Contact Follow-Up of DE Teacher Personnel.
Project Director: Mason, Ralph E.
Organization: Indiana State Univ., Terre Haute. Vocational Technical Services Center.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The goals of this project are to furnish advice and consultation to first- and second-year distributive education (DE) teacher coordinators and preparatory teachers, allow the advisory committee to provide input into the pilot program, and provide a sound basis for institutionalizing the follow-up inservice system in the three DE teacher training institutions.

SB001552 **VTP-2050**

Development of a Generalizable Evaluation Model for Vocational Teacher Education.
Project Director: White, Thomas R.
Organization: Indiana Univ., Bloomington. Dept. of Vocational Education.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will develop a rationale based on current evaluation theory for an evaluation system for vocational teacher education and will explain the current cost system for vocational teacher education. A communications network will be established among the institutions; factors which prevent teacher education from fulfilling its mission will be uncovered and presented; and data which are evidence of the achievement of process and product criteria will be provided. A functional working model will be disseminated.

SB001553

Assessment and Evaluation of the Public's Perception of Vocational Education in Indiana.
Project Director: Sawyers, Betty A.
Organization: Purdue Univ., Lafayette, Ind. Dept. of Education.
Contract and/or Control No.: 8864-55-16355

The objectives of this educational assessment are to determine perceptions of vocational education held by the general public, junior and senior high school students, teachers and school personnel, par-

ents and patrons of a school district, employers of vocational education graduates, and young adults not in school; identify the determinants of favorable and unfavorable perceptions; and design strategies to modify negative perceptions.

SB001554

Development of a Generalizable Evaluation Model for Vocational Teacher Education.
Project Director: Kline, Charles
Organization: Purdue Univ., Lafayette, Ind.
Contract and/or Control No.: 30-75-C

Goals for this project include (1) developing a rationale based on current evaluation theory for the evaluation system for vocational teacher education, (2) establishing a communications network among the vocational teachers education institutions and the Division of Vocational Education regarding criteria for reviewing programs, (3) identifying factors which prevent vocational teacher education from fulfilling its missions, and (4) disseminating a working model throughout Indiana.

SB001555

Changing Trends in the Plans of Indiana High School Seniors; Comparisons of the Educational and Employment Plans, and the Occupational Choices of Seniors in the Classes of 1966, '69, '72, and '75.
Project Director: Lisack, J. P.
Organization: Purdue Univ., Lafayette, Ind.
Contract and/or Control No.: 45-75-C

This study seeks to identify and record similarities, differences, and selected trends regarding demographic characteristics of seniors and characteristics of the heads of their households, seniors' career choices and employment plans, and seniors' reasons for continuing or not continuing training or education after graduation. It will also record appropriate interrelationship data.

SB001556

The Development and Validation of A Vocational Interest Survey Instrument With Audio-Visual Format.
Project Director: Dudley, Gerald
Organization: Indiana Univ., South Bend. Indiana Career Resource Center.
Contract and/or Control No.: 37-75-C

Project objectives include developing and validating a test instrument for Indiana vocational counselors to use for vocational interest assessment, providing copies of the survey instruments with instruction and answer sheets, and providing a copy of technical and instruction manuals to the funding agency.

SB001557

Needs Assessment Pilot Project Planning Area Six.
Project Director: Vitello, A. A.
Organization: Marion Community Schools, Ind.
Contract and/or Control No.: 36-75-C

The objectives are to (1) develop a system to implement effective needs assessment for local educational agencies (LEAs) in Indiana; (2) develop LEA components of needs assessment; (3) initiate a design for a uniform, state-wide information system from LEA components; (4) direct and coordinate local procedures to insure systems design; and (5) conduct an ongoing evaluation of assessment procedures.

SB001558

Griffith High School Career Education Pilot Project.
Project Director: Lilley, James C.
Organization: Griffith Public Schools, Ind.
Contract and/or Control No.: 38-75-C

This career education project aims to increase specificity in career planning for older students, increase the effectiveness of the junior high program, and determine program needs to aid student career planning.

SB001559

A Pilot Project to Develop Work-Infused Experiences for Mathematics Instruction.
Project Director: Broadbent, James
Organization: Elkhart Community Schools, Ind.
Contract and/or Control No.: 39-75-C

The project will prepare a handbook of mathematics concepts and examples of applications found in business, industry, service, and government work and compile a concept list for mathematics curriculum obtained from test makers and business and industry.

Fiscal Year 1976

SB001560

Attitudes of Adolescent Girls Towards Vocational Education.
Project Director: Mitchell, Marianne H.
Organization: Indiana Univ., Bloomington.
Funding Period: Start Date 1 Jan 76; End Date 31 Dec 76
Contract and/or Control No.: 13-76-C-14

The purpose of this project is to increase the effectiveness in guidance and placement of girls in vocational education programs. The three objectives are to identify the attitudes of adolescent girls toward vocational education programs, the perceptions and understandings which adolescent girls have of vocational education programs, and the conditions under which adolescent girls would seek to enroll in vocational education programs. Appropriate instruments will be developed to survey a sample of adolescent girls stratified by educational levels and geographic areas.

SB001561 **VTP-2566**

Follow-Up Materials and Baseline Assessment of Adult Vocational Education Participants.
Project Director: Harris, Robert C.
Organization: Indiana Univ., Bloomington.
Funding Period: Start Date 1 Jan 76; End Date 30 May 77
Contract and/or Control No.: 13-76-C-6

The purpose of the project is to develop a set of materials applicable to conducting locally directed follow-up studies of adult vocational education program participants. Procedures include reviewing related research projects and developmental programs, developing a conceptual model, identifying informational needs of decision makers and criteria for assessing objective attainment levels, developing and pilot testing instruments, and conducting follow-up validation.

SB001562 **VTP-2456**

Research Educational Materials to Produce Business Vocational Education Promotional Programs.
Project Director: Waninger, Leo
Organization: Evansville-Vanderburgh School Corp., Ind.
Funding Period: Start Date 19 Jan 76; End Date 6 Sep 76
Contract and/or Control No.: 13-76-C-19

The objectives of this project are to increase the enrollment in vocational business sequences at Bosse High School and provide information concerning these programs to students. A promotional booklet will be developed describing the three business vocational programs; and a slide presentation will present the school's vocational programs to ninth, tenth, and eleventh grade students.

SB001563 **VTP-2444**

The Development of a Vocational Diagnostic Program.
Project Director: Moore, Walter
Organization: Indiana Vocational Technical Coll., South Bend.
Funding Period: Start Date 1 Apr 76; End Date 31 Mar 77
Contract and/or Control No.: 13-76-C-15

This project proposes to develop specific diagnostic procedures and instrumentation that will allow both the counselor and prospective student to determine specific occupational programs and objectives. A literature review will be conducted; simulated occupational learning and environmental conditions will be developed for six areas; and a test package consisting of diagnostic pretesting and interviewing will be developed and administered.

SB001564 VTP-2440

A Bibliography of Cassette Instructional Materials for ICT Instruction.
Project Director: McVicker, Howard
Organization: Purdue Univ., Lafayette, Ind.
Funding Period: Start Date 15 Jan 76; End Date 1 Aug 76
Contract and/or Control No.: 13-76-C-23

The purposes of the project are to compile a comprehensive bibliography of audio cassettes for use in the general related instruction activity in industrial cooperative training (ICT) programs and reproduce and disseminate the bibliography to the ICT and industrial cooperative education coordinators throughout the state.

SB001565

Assessing Present Vocational Curriculum and Providing Improvement Recommendations.
Project Director: Zeek, Clyde
Organization: Tipton Community School Corp., Ind.
Funding Period: Start Date 1 Jan 76; End Date 30 Jun 76
Contract and/or Control No.: 13-76-C-18

The goals of this project are to provide students at Tipton High School the opportunity to enroll in vocational programs of their choice and make recommendations for revision of present vocational education curriculum at the school. Project staff will survey students to determine their educational needs and interest areas, review qualifications of faculty members to teach vocational subjects, and seek consultation from vocational education experts to evaluate present programs and recommend program improvement.

SB001566

Distributive Education and You.
Project Director: Schenck, Norma
Organization: South Bend Community School Corp., Ind.
Funding Period: Start Date 6 Jan 76; End Date 30 Jun 76
Contract and/or Control No.: 13-76-C-18

To stimulate interest in the local distributive education (DE) program, the project will develop a slide presentation highlighting the purposes and operation of the program for showing to prospective students, parents, prospective training sponsors, professional organizations, and service clubs. The presentation will feature all phases of the program including the advisory committee; training stations; related training; career opportunities; training agreements and plans; and the national youth organizaton, Distributive Education Club of America (DECA).

SB001567 VTP-2565

Development of a Cost-Effectiveness Analysis Model and User's Manual for Postsecondary Vocational Programs.
Project Director: Harris, Robert C.
Organization: Indiana Univ., Bloomington.
Funding Period: Start Date 1 Jul 76; End Date 30 Apr 77
Contract and/or Control No.: 13-76-C-5

This project will develop a conceptual model and user's manual for a cost-effectiveness analysis of postsecondary vocational programs. Following a literature review, research efforts will be devoted to developing a set of program objectives; adjusting program classification; classifying program costs; formulating instruments for data collection; and developing analytical techniques for measuring program effectiveness, cost efficiency, and a cost-effectiveness ratio.

SB001568

Slide and Tape Presentation of Good and Poor Landscape Practices.
Project Director: Dean, Leon
Organization: Elkhart Area Career Center, Ind.
Funding Period: Start Date 1 Jan 76; End Date 1 Apr 76
Contract and/or Control No.: 13-76-C-24

The purpose of this project is to develop a slide/tape presentation showing good and poor landscape design and installation practices and make it available for use by vocational teachers in Indiana. Approximately 140 slides set to a taped narration will be edited with an emphasis on public areas. The slides, for the most part, will be taken in Lake, Porter, and Elkhart counties.

SB001569

Lake Central High School Intensive Office Laboratory Prospectus for Businessmen.
Project Director: Bibich, George
Organization: Lake Central School Corp., St. John, Ind.
Funding Period: Start Date 1 Jan 76; End Date 30 Jun 76
Contract and/or Control No.: 13-76-C-26

The purpose of this project is to involve students in the preparation of employment prospectus booklets, thereby helping students to develop creativity in selling or portraying themselves on paper, to accept responsibility of meeting deadlines, and to cooperate with others for mutual benefit.

SB001570 VTP-2445

Development of Electro-Laser Surveying Measurements as Applied to Technical Education.
Project Director: Haase, A. H.
Organization: Vincennes Univ., Ind.
Funding Period: Start Date 15 Jan 76; End Date 30 Aug 76
Contract and/or Control No.: 13-76-C-7

The goal of the project is to provide individualized self-paced instruction in the use and application of electronic distance measuring (EDM) devices. The project will collaborate with industry currently using EDM systems and will conduct follow-up studies and adjust program activities to emulate industry. The general design of the study will include the methods of program planning and the development of course modules of instruction.

SB001571

A Proposal to Assist in the Duplication, Dissemination, and Storage of Materials Related to Research, Research Proposals, and Research Findings in Indiana.
Project Director: Reckerd, Thomas
Organization: Indiana State Univ., Terre Haute.
Funding Period: Start Date 4 Nov 75; End Date 30 Jun 76

The purpose of this project is to assist in the duplication, dissemination, and storage of materials related to research proposals and research findings in Indiana. Funding will provide for personnel, supplies and materials, communications, and postage.

SB001572 VTP-2457

Sex as A Determinant in Vocational Choice.
Project Director: Gannon, F. B.
Organization: New Educational Directions, Crawfordsville, Ind.
Funding Period: Start Date 1 Feb 76; End Date 28 Feb 77
Contract and/or Control No.: 13-76-C-13

This study will identify the factors which are contributing to an apparent sex-related bias in the selection of vocational programs. This information will be used to provide a data base for planning effective approaches to increase female enrollment in traditionally male programs and increase male enrollment in traditionally female programs. Approximately 2,000 eleventh grade students will be given the Ohio Vocational Interest Survey. Reasons for incongruity between stated vocational choice and measured interest patterns will be determined through interviews with a representative sample of 100 students participating in the survey.

SB001573 VTP-2449

Films for Effecting Female and Minority Vocational Program Enrollment.
Project Director: Dudley, George
Organization: Indiana Career Resource Center, Mishawaka, Ind.
Funding Period: Start Date 1 Jan 76; End Date 30 Apr 77
Contract and/or Control No.: 13-76-C-12

To increase enrollment of females and minorities into vocational education programs, the project will develop and produce two (16mm color) ten-minute films on vocational education, one for women and one for minorities. In addition, two one-minute public service television commercials will be produced. Forty films, ten copies of each, will be produced, intended for junior high and high school audiences. An advisory board will provide assistance.

SB001574 **VTP-2454**

Production of Occupational Maps Through Cognitive Style Mapping.
Project Director: Boyer, Ray
Organization: Indiana Vocational Technical Coll., Terre Haute.
Funding Period: Start Date 1 Mar 76; End Date 30 Sep 76
Contract and/or Control No.: 13-76-C-11

This project is concerned with applying the concepts of cognitive style mapping to occupational education. The objectives are to produce a map for six programs and produce an inservice training instrument for teachers, counselors, and employers to familiarize them with the project and with the vocabulary and basic concepts of cognitive style mapping. The instrument will be prepared as an aid in enlisting the cooperation of selected employers.

SB001575 **VTP-2448**

Facilitation of Entry into an Associate Degree Nursing Program by Licensed Practical Nurses.
Project Director: Blatchley, M. E.
Organization: Purdue Univ., Lafayette, Ind. Dept. of Nursing.
Funding Period: Start Date 1 Jun 76; End Date 31 May 77
Contract and/or Control No.: 13-76-C-10

The goal of this project is to develop and evaluate self- instructional modules which will make obtaining advanced placement in the associate degree nursing program easier for practical nurses or corpsmen. Two multimedia, self-instructional modules, each equivalent to six lecture hours, will be developed. The effectiveness of these modules will be evaluated.

SB001576

Course Content for Teaching Electrical Discharge Machining for the Secondary Vocational Level.
Project Director: Williams, George V.
Organization: Mid-Central Area Vocational School, Elwood, Ind.
Funding Period: Start Date 1 Jan 76; End Date 31 Mar 76

The purpose of this project is to simplify the technical material involved in learning Electrical Discharge Machining (EDM) and organize the materials in a logical progression so that it may be taught successfully at the secondary vocational level. Teaching aids, practical exercises, and tips for teaching EDM will be developed along with a unit on safety and safe working habits relating to EDM.

SB001577

Cooperative Office Education Employer Brochure.
Project Director: Schenck, Norma E.
Organization: South Bend Community School Corp., Ind.
Funding Period: Start Date 5 Jan 76; End Date 30 Apr 76
Contract and/or Control No.: 13-76-C-20

The purpose of this project is to develop a high-quality brochure to be given to prospective employers of the Cooperative Office Education program to make them aware of the program and secure their cooperation in providing training stations. Sample brochures from other schools and areas will be obtained and analyzed prior to developing the actual booklet.

SB001578

Needs Assessment Pilot Project Planning Area Six.
Project Director: Vitello, A. A.
Organization: Marion Community Schools, Ind.
Contract and/or Control No.: 16-76T-C-2

The objectives are to (1) develop a system to implement effective needs assessment for local educational agencies (LEAs) in Indiana; (2) develop LEA components of needs assessment; (3) initiate a design for a uniform, state-wide information system from LEA components; (4) direct and coordinate local procedures to insure systems design; and (5) conduct an ongoing evaluation of assessment procedures.

SB001579 **VTP-2503**

Seminar Instruction Delivery System in Advanced Vocational Courses.
Project Director: Baran, Stanley J.
Organization: Indiana Vocational Technical Coll., Columbus.
Funding Period: Start Date 1 Apr 76; End Date 30 Apr 77
Contract and/or Control No.: 13-76-C-16

The purpose of the project is to develop a Seminar Instructional Delivery System that is appropriate for advanced vocational courses in most areas of study. Key objectives are the development of the seminar learning system, preparation of videotape cassettes for statewide distribution which will teach instructors and help students in preparing for seminar-based vocational classes, and preparation of a written report to be published or presented at appropriate meetings of vocational educators.

SB001580

Assessment of Vocational Program Needs.
Project Director: Wesolowski, Anthony
Organization: Four County Area Vocational Cooperative, Garrett, Ind.
Funding Period: Start Date 1 Jan 76; End Date 30 Jun 76
Contract and/or Control No.: 13-76-C-17

The purpose of this project is to develop an instrument for assessing the vocational needs in the four-county area. Objectives are to survey students' interests and desires, determine area school vocational program needs, assess facilities, and establish a means to upgrade programs and facilities. Students in grades 10-12 from all of the ten school corporations will be surveyed, as well as all principals, guidance personnel, and instructors.

SB001581 **VTP-2455**

Quantitative Requirements for Vocational Educators in Indiana.
Project Director: Lisack, J. P.
Organization: Purdue Univ., Lafayette, Ind. Research Foundation.
Funding Period: Start Date 1 Apr 76; End Date 30 Apr 77
Contract and/or Control No.: 13-76-C-4

This project is designed to obtain data relative to the quantitative and qualitative requirements for vocational educators in Indiana. Objectives include (1) identification of the number and type of presently working vocational education personnel, (2) identification of the unmet needs in vocational education, (3) projection of vocational education personnel needs for the next five years, (4) identification of projected vocational education personnel program outputs for the next five years, and (5) comparison of the supply and demand balance.

SB001582 **VTP-2453**

A Model for Competency Based Vocational Teacher Evaluation.
Project Director: Brown, Lloyd
Organization: Crawfordsville Community Schools, Ind.
Funding Period: Start Date 1 Jan 76; End Date 30 Apr 77
Contract and/or Control No.: 13-76-C-3

The purpose of this project is to develop a competency-based vocational teacher evaluation system. The results of this system will be used to prescribe inservice training to foster teacher self-improvement. The project objectives are to formulate a model for the study and development of the essential evaluation components, produce or adopt and implement test and evaluation instruments, and develop a guide for using the evaluation process.

SB001583 **VTP-2447**

Establish Regional Occupational Competency Testing Center to Serve Indiana Needs.
Project Director: Eddy, Max
Organization: Purdue Univ., Lafayette, Ind.
Funding Period: Start Date 1 Mar 76; End Date 30 Apr 77
Contract and/or Control No.: 13-76-C-2

In cooperation with three universities, this project will establish a regional center of the National Occupational Competency Testing Institute (NOCTI) which will administer competency tests as needed by all Indiana institutions and local education agencies. Procedures will involve ascertaining potential utilization, observing existing testing programs, identifying testing personnel, arranging facilities, disseminating information about available services, administering examinations, and reviewing and evaluating results.

SB001584 VTP-2459

Work Attitudes and Employment.
Project Director: Bonnet, Deborah G.
Organization: New Educational Directions, Crawfordsville, Ind.
Funding Period: Start Date 1 Feb 76; End Date 30 Apr 77
Contract and/or Control No.: 13-76-C-1

This project is designed to provide a mechanism for obtaining information about personality and attitudinal traits that are related to the employment success of vocational graduates. Procedures will involve a literature review; obtaining input from employers and students; and developing, field testing, and validating the resulting instrument which measures individual attitudes, perceptions, and motivations, and which relates these measured traits to employment success.

SB001585 VTP-2441

Computer Aided Instruction in Drafting, Civil Engineering, and Electronics Technologies.
Project Director: Pointer, Richard
Organization: Vincennes Univ, Ind.
Funding Period: Start Date 1 Jan 76; End Date 1 Jun 77
Contract and/or Control No.: 13-76-C-8

This project is designed to provide computer-assisted instruction for students in drafting, civil engineering, and electronics technologies. The first phase of the project will involve the development of software to permit the desired industrial applications and the development of a user's manual for instructors and students. The second phase will involve the development of a pilot instructional unit to be used by students.

Fiscal Year 1977

SB001586 VTP-2683

Identifying Innovative Approaches Increasing Female Enrollment in Vocational Education.
Project Director: Mulholland, J. D.
Organization: Indiana Univ., Bloomington.
Funding Period: Start Date 1 Jan 77; End Date 31 Dec 77
Contract and/or Control No.: 5-77-C-12

The objectives of this project are to identify new and innovative approaches for training school counselors to recognize vocational education opportunities for developing the career potential of women and describe, demonstrate, and disseminate descriptions of these new and innovative approaches to other counselor education programs in the state. Procedures include conducting literature searches and developing a training module to provide innovative training opportunities for preservice counselors.

SB001587 VTP-2687

A Multi-Community Occupational Needs Survey.
Project Director: Grostefon, Don
Organization: Logansport Community School Corp., Ind.
Funding Period: Start Date 1 Sep 76; End Date 31 Jul 77
Contract and/or Control No.: 5-77-C-9

The purpose of this survey is to provide data concerning community employment needs for curriculum, facility, and personnel planning of vocational education programs. Specific objectives include developing a profile of the kinds of occupations present in the community and the number of people employed in each, identifying potential occupational education training stations, and identifying community educational resources.

SB001588 VTP-2688

Preparation of Slide Visuals for Vocational Education Classes.
Project Director: Burton, Robert
Organization: Brownstown Central Community School Corp., Ind.
Funding Period: Start Date 1 Jun 76; End Date 31 Dec 76
Contract and/or Control No.: 5-77-C-8

This project will develop slide visuals for vocational horticulture classes, presenting horticultural methods from preplanting to harvesting of specific locally grown plants. Specific objectives are to demonstrate planting, harvesting, and processing of special agricultural crops; show developing and cultural practices of special agricultural crops; point out variety differences of crops; and show identifying characteristics of horticulture plants.

SB001589 VTP-2756

Needs Assessment Information Dissemination (Continuation).
Project Director: Jessup, Roger
Organization: Marion Community Schools, Ind.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 16-76T-C-2

To disseminate relevant information for conducting valid needs assessments in other areas of the state, this project will develop a procedure for implementing the needs assessment systems design developed in the pilot project in planning area six. Specific objectives include developing local education agency (LEA) components in needs assessment as part of the total information system, initiating a design for a state-wide uniform information system from LEA components, and directing and coordinating local procedures to insure systems design.

SB001590 VTP-2759

A Purposive Study: Auto Mechanics/V-TECS.
Project Director: Fleenor, Edgar
Organization: Indiana Univ., Bloomington.
Funding Period: Start Date 15 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 119-76-C

This project will establish individual job task inventories for the forty-five job titles in the auto, light and medium duty vehicles division of the Highway Transportation subcluster, and will identify common tasks by subcategory, category, and subcluster. The project will use data from two earlier studies designed to provide job information for use in vocational education program planning, evaluation, and curriculum development: a Florida V-TEC project and a project at Carmel, Indiana.

SB001591 VTP-2690

Self Improvement Course for Young Adults.
Project Director: Grimes, Sharon
Organization: C. A. Prosser Area Vocational Center, New Albany, Ind.
Funding Period: Start Date 1 Jan 76; End Date 30 Jun 76
Contract and/or Control No.: 39-76-C

This project intends to develop an eight-week self-improvement course for students to be taught by a professional model and instructor. Objectives will be improvement in skin, hand, and nail care; cosmetic and grooming techniques; hair styling; diet control, wardrobe planning; manners; social etiquette; voice; diction; and personality development.

SB001592

Special Services Coordinator Involving Screening Placement Follow-Up of Vocational Students.
Project Director: Rowen, Russel
Organization: Evansville-Vanderburgh School Corp., Ind.
Funding Period: Start Date 1 Aug 77; End Date 30 Sep 77
Contract and/or Control No.: 33-77-C

The objectives of this project are to provide a comprehensive program of inservice training, materials development, research, teaching follow-up, and evaluation; organize a model for the coordination of activities involved in the vocational/career counseling aspects of the area vocational school; and infuse career education and the role of vocational education into the total program concept.

SB001593

Development of a Regional Manpower Information System.
Project Director: Drucker, Eugene H.
Organization: New Albany - Floyd County Consolidated School Corp., Ind.
Funding Period: Start Date 1 Jul 77; End Date 30 Sep 77
Contract and/or Control No.: 32-77-C

The objectives of this project include facilitating and improving regional planning for vocational education programs by developing a manpower information system that will provide manpower data corresponding to the informational needs of program planners; conducting a regional manpower assessment using instruments and procedures developed for the information system; and providing a data base for evaluating present vocational programs and for identifying the need for new programs, specifically the regional planning effort being conducted by the River Hills Regional Vocational Education Information Project.

SB001594 **VTP-2760**

Research and Development: Curriculum Planning for Area Vocational School.
Project Director: Wheatley, Laurence
Organization: South Central Area Vocational School, Campbellsburg, Ind.
Funding Period: Start Date 7 Sep 76; End Date 9 Jun 77
Contract and/or Control No.: 16-76T-C-1

This project will develop individualized vocational instruction modules for two job titles in the transportation occupational cluster. In addition, modules generated from V-TECS- based material for building trades will be field tested. Specific objectives are to compile modules for at least two job titles for the "Highway Sub-Cluster of the Transportation Cluster" developed in project 33-75-C, explore techniques for using V-TECS based materials by program instructors, and prepare and field test V-TECS materials as available.

SB001595 **VTP-2754**

Job Title Analysis for Selected Job Title Clustering for Horticulture.
Project Director: Davis, R. L.
Organization: Purdue Univ., Lafayette, Ind.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 5-77-C-1

The purpose of this project is to begin systematic curriculum development in horticulture. Specific objectives are to develop a horticulture matrix that provides a systematic arrangement of job titles for the occupational area of horticulture, select one job title catalog (groundskeeping) from those that currently exist in vocational horticulture that is available through the V-TECs program, validate the tasks contained in the job title using a purposive study and a survey of job incumbent personnel, and sequence the tasks that are validated into a systematic arrangement for further work in instructional materials development.

SB001596 **VTP-2753**

Job Title Analysis Curriculum Development.
Project Director: Thompson, Meredith
Organization: Bartholomew Consolidated School Corp., Columbus, Ind.
Funding Period: Start Date 1 Oct 76; End Date 31 Jul 77
Contract and/or Control No.: 5-77-C-2

This project will assist in the development of learning modules linking specific objectives for the job title of secretary with practical business practices and procedures. Teacher, student-centered, and remedial learning modules will be developed for the job title of secretary, using the V-TECs performance-based materials as they relate to job opportunities in Indiana. The student-centered modules will include an extension of individualized learning in the form of remedial learning modules, and the focus of the materials will be expanded by providing for the needs of adult education.

SB001597 **VTP-2747**

Common Content CORE for Agribusiness Education Programs.
Project Director: Davis, R. L.
Organization: Purdue Univ., Lafayette, Ind.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 5-77-C-4

This project will develop the core one and two curriculum and instructional materials for the vocational agribusiness programs in Indiana. Specific objectives are to (1) identify the common core tasks needed prior to specific agricultural occupational preparation in secondary schools, (2) verify these common core tasks, (3) develop and field test instructional materials, and (4) disseminate the materials and conduct inservice education activities.

SB001598 **VTP-2761**

Sex Stereotyping: Analysis of Students Enrolled in Vocational Programs.
Project Director: Davis, R. L.
Organization: Purdue Univ., Lafayette, Ind. Research Foundation.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 5-77-C-7

The purpose of this study is to identify the extent and nature of sex bias in Indiana vocational education programs and investigate the problem in relation to selected factors such as scholastic ability, academic achievement, vocational maturity, and home influences. Specific objectives include defining and analyzing the enrollment patterns based on sex that currently exist in Indiana vocational centers and developing guidelines for communication relating to vocational instructional programs directed toward compliance with federal regulations of Title IX legislation. A survey of vocational students will be conducted to determine the factors contributing to specific career choices.

SB001599 **VTP-2751**

Instrument Development for Generalizable Evaluation Model for Vocational Teacher Education.
Project Director: Davis, R. L.
Organization: Purdue Univ., Lafayette, Ind. Research Foundation.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 5-77-C-16

The major goal of this project is to develop comprehensive product and process instrumentation necessary for the implementation and installation of the vocational teacher education evaluation model. Project objectives include developing, validating, and field testing instrumentation to measure objectives according to specified criteria for each of the eleven functions identified in the model and developing and recommending procedures for model implementation and installation by producers, users, and the State Board for Vocational Technical Education.

SB001600 **VTP-2675**

Correlation of Local Employment Needs and Vocational Progress.
Project Director: Sample, Glenn
Organization: Indiana Vocational Technical Coll., Lafayette.
Funding Period: Start Date 1 Sep 76; End Date 31 Aug 77
Contract and/or Control No.: 5-77-C-15

The purpose of this project is to determine local employment needs and the corresponding vocational and technical programs that will supply the necessary trained manpower. Specific objectives are to develop employment profiles that include information on projected needs, skill and training requirements for job titles, source of new employers by geographical area, and retraining requirements; develop a market share prediction model to determine the number of job opportunities for graduates of vocational technical programs; determine the performance skills developed in vocational technical programs; and develop a methodology for correlating local employment needs with vocational technical programs performance skills in Region 4.

SB001601 **VTP-2677**

Description and Prediction of Success in Vocational Education.
Project Director: Garrison, Tom
Organization: Wayne Township Metropolitan School District, Indianapolis, Ind.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 5-77-C-13

This project intends to investigate the relationship of the pattern of adaptive ablities (sensor-perceptual, language, motor, psychomotor, and abstract-conceptual) and success in vocational education and develop a number of measures for counselors' use in better orienting the direction of students, particularly those with learning disabilities, pursuing vocational education. Nine different tests will be administered to a control group who have had no history of learning disabilities and to an experimental group who have learning disabilities to determine which measures most reliably predict the achievement level in mechanical or personal service vocational training.

SB001602 **VTP-2681**

Development of a Regional Manpower Information System.
Project Director: Fields, Charles
Organization: New Albany - Floyd County Consolidated School Corp., Ind.
Funding Period: Start Date 1 Oct 76; End Date 30 Jun 77
Contract and/or Control No.: 32-77-C-17

The objectives of this project include facilitating and improving regional planning for vocational education programs by developing a manpower information system that will provide manpower data corresponding to the informational needs of program planners, conducting a regional manpower assessment using instruments and procedures developed for the information system, and providing a data base for evaluating present vocational programs and for identifying the need for new programs, specifically the regional planning effort being conducted by the River Hills Regional Vocational Edu-

cation Information Project.

SB001603 VTP-2691

A Skill Catalog for Curriculum Evaluation and Student Placement.
Project Director: Piper, Don
Organization: North Lawrence Community Schools, Bedford, Ind.
Funding Period: Start Date 30 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 5-77-C-10

The objectives of this project include developing procedures for creating and maintaining a catalog of job entry skills and other relevant data required for employment in North Lawrence area industry, developing procedures for creating and maintaining a computerized data base containing the codes of skills students acquire in school and on the job and skills employers require for specific job titles, and developing programs and procedures for using the acquired data for curriculum evaluation and student job information.

SB001604 VTP-2674

Analysis of the Employment Needs for SBVTE Area Thirty- Four.
Project Director: Hoffman, Robert
Organization: Connersville Area Vocational School, Ind.
Funding Period: Start Date 27 Sep 76; End Date 15 Jun 77
Contract and/or Control No.: 5-77-C-11

To determine the reliability of existing programs and the need for new programs at Connersville Area Vocational School, this project will analyze employment needs for the SBVTE Area Thirty-Four. Project objectives include determining the jobs available in the region in six occupational clusters, preparing and administering survey instruments to determine employment information, and establishing an advisory committee to review and analyze data and make recommendations for program development.

SB001605 VTP-2765

West Central and Rensselaer Vocational Development Program.
Project Director: Hollenbaugh, Jerry
Organization: West Central School Corp., Francesville, Ind.
Funding Period: Start Date 1 Aug 76; End Date 30 Jun 77
Contract and/or Control No.: 5-77-C-3

In this project, job market demands for Region 10 will be identified, and the requirements for job qualifications will be determined to develop the vocational curriculum to meet the area's needs. Following a survey of the job market in the region students will be informed of vocational program offerings. Meetings with superintendents and state vocational personnel will be held to devise curriculum relevant to the job market. Formative and summative evaluations will be conducted.

SB001606 VTP-2757

A Proposal to Train Writing Teams to Develop V-TECS Catalogs in the Mechanical Drafting and Agri-Chemical Domains.
Project Director: Reckerd, Tom
Organization: Indiana State Univ., Terre Haute. Vocational Technical Services Center.
Funding Period: Start Date 1 May 76; End Date 30 Jun 77
Contract and/or Control No.: 5-77-C-5

To satisfy Indiana's commitment to produce V-TECS materials, this project will recruit and train ten to twenty persons to serve on writing teams which will prepare curriculum materials for the areas of agri-chemicals and mechanical drafting. These persons will be trained in developing survey instruments and task inventories, conducting task inventory surveys, performing task analysis, writing performance objectives, constructing criterion-referenced measures, and identifying suggested instructional content and sequences for performance guides.

SB001607 VTP-2749

Development of Communications Systems Between Vocational Educators, Students, and Employers.
Project Director: Lewis, Del
Organization: Mid-Central Area Vocational School, Elwood, Ind.
Funding Period: Start Date 1 Oct 76; End Date 30 Jun 77
Contract and/or Control No.: 5-77-C-6

The purpose of the project is to provide video cassettes and printed materials to be used by vocational program instructors, counselors, and job placement specialists in providing a better understanding of training and placement needs of vocational education. Cassette tape recordings will be made of onsite job operations illustrating skills needed, production requirements, and actual job performance. The tapes will be used for counseling, teaching reinforcement, and student observations.

SB001608 VTP-2752

Instrumentation for the Generalizable Evaluation Model for Vocational Teacher Education.
Project Director: Mulholland, J. D.
Organization: Indiana Univ., Bloomington.
Funding Period: Start Date 1 Oct 76; 30 Sep 77
Contract and/or Control No.: 5-77-C-14

This project is designed to refine and extend the 1976 project entitled "The Development of a Generalizable Evaluation Model for Vocational Teacher Education." The purpose of this project is to develop comprehensive product and process instrumentation necessary to implement and install the model. Procedures include developing, validating, and field testing instrumentation to measure objectives according to specified criteria for each of the eleven functions identified in the model.

Part D

Fiscal Year 1970

SB001609

Area Vocational Feasibility Study for Occupational Education.
Project Director: Pennington, Don E.
Organization: Lawrence Township Metropolitan School District, Indianapolis, Ind.
Contract and/or Control No.: 5370-D

This feasibility study will determine the factors to be considered in providing vocational education through an area vocational school serving eight school corporations. The data collected will concern population characteristics, student population, student interests and abilities, area high school graduates who dropped out of college, current adult and secondary vocational programs, placement opportunities, financial characteristics, and transportation.

SB001610

Development of a Superior Vocational Program for Grades K-Adult.
Project Director: Pennington, Don E.
Organization: Washington Township Metropolitan School District, Indianapolis, Ind.
Funding Period: Start Date 1 Jul 71; End Date 31 Aug 75

This career education project seeks to improve the attitudes of students, parents, teachers, and counselors regarding the value of vocational education; develop elementary and secondary curriculum to facilitate transmittal of occupational information, vocational guidance, and vocational training; and upgrade the counseling and guidance skills of counselors.

SB001611

Exemplary and Research Program for Students Who Terminate Their Education Prior to Obtaining a Salable Skill.
Project Director: Garrison, Tom
Organization: Wayne Township Metropolitan School District, Indianapolis, Ind.
Contract and/or Control No.: 451-72-D

This project seeks to provide high school dropouts and other unemployed and underemployed individuals with vocational training to develop entry level skills or upgrade present skills. The project will also work in conjunction with the Indianapolis Skills Center Job Placement Coordinator in placing many of these individuals in jobs. The project will feature continuous program operation, open-ended entrance throughout the year, flexibility in attendance policies, and individualized self-paced training.

SB001612

Exemplary Health Careers Program.
Project Director: Rowen, Russel J.

Organization: Evansville-Vanderburgh School Corp., Ind.
Contract and/or Control No.: 39-72-D-2

This three-year project aims to develop an exemplary health occupations cluster curriculum designed to meet the needs of eleventh and twelfth grade students who have varied occupational goals within the health field. The four-semester program will encompass career exploration, preparation for postsecondary study, orientation to job entry skills at the aide or assistant level, and opportunity for work experience.

Fiscal Year 1971

SB001613

Development of a Superior Vocational Program for Grades K-Adult.
Project Director: Pennington, Don E.
Organization: Washington Township Metropolitan School District, Indianapolis, Ind.
Funding Period: Start Date 1 Jul 71; End Date 31 Aug 75

This career education project seeks to improve the attitudes of students, parents, teachers, and counselors regarding the value of vocational education; develop elementary and secondary curriculum to facilitate transmittal of occupational information, vocational guidance, and vocational training; and upgrade the counseling and guidance skills of counselors.

SB001614

Exemplary and Research Program for Students Who Terminate Their Education Prior to Obtaining a Salable Skill.
Project Director: Garrison, Tom
Organization: Wayne Township Metropolitan School District, Indianapolis, Ind.
Contract and/or Control No.: 451-72-D

This project seeks to provide high school dropouts and other unemployed and underemployed individuals with vocational training to develop entry level skills or upgrade present skills. The project will also work in conjunction with the Indianapolis Skills Center Job Placement Coordinator in placing many of these individuals in jobs. The project will feature continuous program operation, open-ended entrance throughout the year, flexibility in attendance policies, and individualized self-paced training.

SB001615

Cosmetology Program.
Organization: Area Vocational School District 24, Ind.

Descriptive information unavailable.

SB001616

Innovative Plan for Teaching Automobile Service Station Occupations.
Project Director: Vietti, Michael T.
Organization: Porter County Vocational Education Cooperative, Ind.
Contract and/or Control No.: 6520-D

In this work experience program, the Porter County Vocational Education Cooperative will lease and operate an ARCO service station to train students in work attitudes and attributes. Important aspects which will be considered in the training program are the students' willingness to work with others, meeting the public, accepting constructive criticism, appearance, punctuality, and dependability.

Fiscal Year 1972

SB001617

Exemplary and Research Program for Students Who Terminate Their Education Prior to Obtaining a Salable Skill.
Project Director: Garrison, Tom
Organization: Wayne Township Metropolitan School District, Indianapolis, Ind.
Contract and/or Control No.: 451-72-D

This project seeks to provide high school dropouts and other unemployed and underemployed individuals with vocational training to develop entry level skills or upgrade present skills. The project will also work in conjunction with the Indianapolis Skills Center Job Placement Coordinator in placing many of these individuals in jobs. The project will feature continuous program operation, open-ended entrance throughout the year, flexibility in attendance policies, and individualized self-paced training.

SB001618

Exemplary Health Careers Program.
Project Director: Rowen, Russel J.
Organization: Evansville-Vanderburgh School Corp., Ind.
Contract and/or Control No.: 39-72-D-2

This three-year project aims to develop an exemplary health occupations cluster curriculum designed to meet the needs of eleventh and twelfth grade students who have varied occupational goals within the health field. The four-semester program will encompass career exploration, preparation for postsecondary study, orientation to job entry skills at the aide or assistant level, and opportunity for work experience.

SB001619

Youth Leadership Development
Project Director: Biddle, Jim
Organization: Indianapolis Public Schools, Ind.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 74
Contract and/or Control No.: 45-72-D

Objectives of this project are to develop guidelines for district conferences of the Distributive Education (DE) youth organization; revise state competitive activities in Distributive Education Clubs of America to realign the activities with occupational clusters in the DE curriculum; and compile, edit, and publish a state handbook for DE youth organization activities.

SB001620

Marketing Technology Program.
Project Director: Szczepanski, M. A.
Organization: Purdue Univ., Lafayette, Ind.
Contract and/or Control No.: 50-72-D

This project will (1) develop a core program for marketing, (2) utilize a mandatory cooperative program aproach, (3) develop a viable associate degree program in marketing technology, and (4) provide educational opportunity for disadvantaged students.

SB001621

Pre-Vocational Program at a Middle School.
Project Director: Fallace, J. H.
Organization: North Gibson School Corp., Princeton, Ind.
Contract and/or Control No.: 386-72-D

This continuation of a career awareness and exploration project intends to introduce all seventh and eighth grade students to occupational opportunities and provide some basic training in broad occupational areas, provide opportunities to explore one or more areas by research and work in the occupational laboratory, and assist the disadvantaged and handicapped in choosing careers.

Fiscal Year 1973

SB001622

A Five Week Training Program for Vocational Rehabilitation Workshop Supervisors.
Project Director: Renner, W. Dwight
Organization: Indiana Vocational Technical Coll., Indianapolis.
Contract and/or Control No.: 88-73-D

This program is designed to acquaint supervisors with the vocational education needs of incarcerated people and enable the supervisors to (1) research pertinent available data and information and develop a research procedure for obtaining additional information requirements; (2) make onsite, indepth studies of present training conditions of the state correctional institutions and substantiate those findings; (3) develop possible alternative systems and programs; and (4) review systems in other states.

SB001623

Exemplary Health Careers Program.
Project Director: Rowen, Russel J.
Organization: Evansville-Vanderburgh School Corp., Ind.
Contract and/or Control No.: 11-73-D

This three-year project intends to develop an exemplary health occupations cluster curriculum designed to meet the needs of eleventh and twelfth grade students who have varied occupational goals within the health field. The four-semester program will encompass career exploration, preparation for postsecondary study, orientation to job entry skills at the aide or assistant level, and opportunity for work experience.

SB001624

Pre-Vocational Education at a Middle School.
Project Director: Swan, Edward T.
Organization: North Gibson School Corp., Princeton, Ind.
Contract and/or Control No.: 17-73-D

This continuation of a career awareness and exploration project intends to introduce all seventh and eighth grade students to occupational opportunities and provide some basic training in broad occupational areas, provide opportunities to explore one or more areas by reasearch and work in the occupational laboratory, and assist the disadvantaged and handicapped in choosing careers.

SB001625

Exemplary Cosmetology Program in an Area School.
Project Director: Pennington, Don E.
Organization: Washington Township Metropolitan School District, Indianapolis, Ind.
Contract and/or Control No.: 31-73-D

Descriptive information unavailable.

SB001626

Grant for Curriculum Development and Computerized Evaluation in Vocational Education.
Project Director: Pennington, Don E.
Organization: J. Everett Light Career Center, Indianapolis, Ind.
Contract and/or Control No.: 78-73-D

The objective of this computer-assisted program is to develop and implement a centralized state-wide data processing system which will utilize the total data on all vocational programs to coordinate project application, reporting, and reimbursement. A senior analyst will work with the state staff of the Division of Vocational Education.

SB001627

Piloting the Career Education Guide.
Project Director: Keiser, Jerry
Organization: Indiana State Dept. of Public Instruction, Indianapolis.
Contract and/or Control No.: 89-73-D

This project intends to develop a localized career education curriculum, revise the curriculum guide to include modifications and new materials developed by the pilot schools, and provide a sequential career awareness curriculum. Pilot schools will serve as demonstration sites for the state.

Fiscal Year 1974

SB001628 VTP-1462

Innovative Project Involving Research and Development of New Approaches to Vocational Education in Oral Communication Skills for Business Students.
Project Director: DeMichele, Lynne B.
Organization: Indiana Vocational Technical Coll., Indianapolis.
Funding Period: Start Date 1 Jun 74; End Date 30 Jun 75

Based on needs determined by an analysis of specific job demands, a concentrated course in oral communications skills will be developed for vocational business students. The project will establish a description of the needed oral communication skills, a means for evaluating degrees of effectiveness for each skill, and a system for assessing an individual's initial communication strengths and weaknesses. A teaching approach utilizing audiovisual materials, self-analysis, and individualized clinics will be prepared.

SB001629 VTP-1454

Development of a Health Occupations Continuing Education Center.
Project Director: Rowen, Russel J.
Organization: Evansville-Vanderburg School Corp., Ind.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to identify and validate guidelines for establishing continuing health occupations education centers within the framework of vocational education, provide resources for teaching new techniques and developments incidental to nursing homes and hospitals, and improve and upgrade the performance of licensed health personnel. The basic plan for the study is to identify the areas of continuing education needs through a survey of health care workers and their employers.

SB001630

Data Systems Contract.
Project Director: Pennington, Don E.
Organization: Washington Township Metropolitan School District, Indianapolis, Ind.
Contract and/or Control No.: 40-74-D-10

This project is a continuation of a computer-assisted program to develop and implement a centralized state-wide data processing system which will utilize the total data on all vocational programs to coordinate project application, reporting, and reimbursement. A senior analyst will work with the state staff of the Division of Vocational Education.

SB001631

Career Education Curriculum Guide.
Project Director: Keiser, Jerry
Organization: Indiana State Dept. of Public Instruction, Indianapolis.
Contract and/or Control No.: 40-74-D-9

This project intends to develop a localized career education curriculum, revise the curriculum guide to include modifications and new materials developed by the pilot schools, and provide a sequential career awareness curriculum. Pilot schools will serve as demonstration sites for the state.

SB001632 VTP-1739

An Initial Systems Model for the Development and Implementation of a New, Comprehensive Health Occupations Education Program Management Plan for Students and Instructors in Indiana.
Project Director: Hankenhoff, Beverly
Organization: New Castle Community School Corp., Ind.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

Using a developmental action research design, this project intends to develop an articulated plan that will provide for the immediate and future growth of the health occupations education field. The objectives are to develop programs for professional development needs, competency-based teacher training, performance-based student training, and a co-curricular youth organization. Information services will be provided to all involved.

SB001633 VTP-1740

A Project to Develop and Field Test an Independent Study Program in Vocational Education.
Project Director: Fruits, Dennis G.
Organization: Indiana Univ., Bloomington. Vocational Education Program Area.
Funding Period: Start Date 1 Aug 74; End Date 31 Jul 75

The objectives of this project are to explore viable alternatives for providing vocational education on an independent study basis, identify vocational education course areas where independent study could be used, and suggest a system or plan whereby an independent study program may be infused into the existing vocational education program. A survey of students will determine areas of interest, and a survey of vocational education agencies will determine which schools can integrate independent study into their programs.

Fiscal Year 1975

SB001634 VTP-2043

A Career Consultant Program.
Project Director: Bonfield, Genevieve
Organization: Michigan City Schools, Ind.
Funding Period: Start Date 13 Aug 74; End Date 30 Sep 75

The objectives of this project include providing students with continuing personal contacts with adults to promote career exploration and foster the students' understanding of the practitioner's perception of occupational roles; providing exploratory, informational, or motivational experiences in career planning; and providing observations and related experiences that may supply the knowledge for career decision making.

SB001635 VTP-2045

Dissemination of Locally Developed Career Education Units and Resource Guide.
Project Director: Turner, Leighton
Organization: Franklin Community School Corp., Ind.
Funding Period: Start Date 10 May 75; End Date 1 Jun 75

The goals of this project are to provide all teachers in the corporation with locally developed career education materials that are appropriate for their grade levels, disseminate these materials to five other school corporations, and encourage the use of career education activities in the classroom. The materials will be developed as part of prior career education workshops.

SB001636 VTP-2046

Identification of the Occupational Competencies Needed in the Area of Agri-Chemicals.
Project Director: Howell, David
Organization: Purdue Research Foundation, Lafayette, Ind.
Funding Period: Start Date 1 Jun 75; End Date 31 May 76

This project seeks to identify in the field of agri-chemicals the mid-management, technical, and skilled level jobs which require an agricultural background. A catalog of competencies pertinent to the agri-chemical occupations will be developed, the priority of the competencies will be determined by surveying a random sample of employees and employers in agri-chemical occupations, and a catalog of performance objectives will be developed.

SB001637 VTP-2051

A Plan for the Research, Development, and Implementation of a Comprehensive Health Occupations Education Program.
Project Director: Hankenhoff, Beverly
Organization: New Castle Community School Corp., Ind.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

Using a developmental action research design, this project aims to develop an articulated plan that will provide for the immediate and future growth of the health occupations education field. The objectives are to develop programs for professional development needs, competency-based teacher training, performance-based student training, and co-curricular youth organizations. Information services will be provided to all involved.

SB001638 VTP-2052

A Dissemination System for the Indiana Research Coordinating Unit (Continuation).
Project Director: Harris, Robert C.
Organization: Indiana Univ., Bloomington. School of Education.
Funding Period: Start Date 30 Jun 75; End Date 30 Jun 76

The objectives of this project which was originally funded under Part C are to publish five issues of COMMUNIQUE with an emphasis on research findings and conclusions relating to vocational and technical education; make the Indiana University computer-search system of the ERIC document file, PROBE, available to the Department of Vocational Education personnel and directors of funded research project in Indiana; and disseminate the regional lab publication, CRITIQUE, to secondary and postsecondary instructional and administrative personnel.

SB001639

Implementation of Career Development Program.
Project Director: Savin, George
Organization: Highland School, Ind.
Contract and/or Control No.: 64-75-D

In a one-semester elective course for grades 9-10, this career awareness and exploration project will (1) acquaint students with numerous career areas through field trips and work experiences; (2) help students become aware of their aptitudes, personalities, and preferences; (3) provide decision-making experiences; and (4) familiarize students with course offerings at the proposed area technical and vocational career center.

SB001640

Development of a County-Wide Vocational Cooperative Guidance Program.
Project Director: Vietti, Michael T.
Organization: Porter County Career Education, Valparaiso, Ind.
Contract and/or Control No.: 57-75-D

The goal of this project is to develop a county-wide consolidated counseling and guidance program that will provide a structure of career planning, student selection, job placement, and student follow-up and emphasize the importance of making vocational program options available to students. Procedures include studying existing local guidance programs and making recommendations for improvement on a county-wide basis and conducting inservice workshops to establish operational policies and procedures for incorporation into a Porter County Career Education Cooperative Guidance Handbook.

SB001641

Development of a Health Occupations Continuing Education Center.
Project Director: Rowen, Russel J.
Organization: Evansville-Vanderburgh School Corp., Ind.
Contract and/or Control No.: 52-75-D

This curriculum improvement project seeks to complete the two educational programs currently offered and evaluate their impact on student work performance; offer additional programs; expand the learning needs survey to include at least two other occupational groups and meet the needs identified; and evaluate and refine administrative policies, procedures, and the recording system of the continuing education center.

SB001642

Developing a System for Comprehensive Screening-Placement-Follow Up Services for Local Education Agencies.
Project Director: Rowen, Russel J.
Organization: Evansville-Vanderburgh School Corp., Ind.
Contract and/or Control No.: 49-75-D

Objectives for this project include (1) developing procedural, functional, and coordination guidelines for local education agency (LEA) vocational guidance services; (2) developing a model to expand that system into an area-regional-state concept; (3) decreasing dropout rate; (4) providing efficient training; and (5) fostering cooperation among LEAs, business, and related agencies.

SB001643

Development and Field-Testing of Audio-Visual Material for Thirteen Units of Leadership Instruction.
Project Director: Richardson, William B.
Organization: Purdue Univ., Lafayette, Ind.
Contract and/or Control No.: 56-75-D

The primary objectives of this project are to (1) improve thirteen existing units of leadership instruction by incorporating audiovisual materials into the instructional units, (2) develop a leadership handbook for Indiana youth club officers, (3) disseminate the materials by conducting workshops for youth club advisors, and (4) field test the audiovisual units. Procedures include selecting and developing appropriate audiovisual materials that relate to leadership instruction.

SB001644

Placement Service Model.
Project Director: Lewis, Delbert E.
Organization: Mid-Central Area Vocational School, Elwood, Ind.

Contract and/or Control No.: 50-75-D

This program of guidance services seeks to (1) implement a model placement service program for day and evening students; (2) develop and produce pamphlets, booklets, printed materials, and other media materials for persons using the service; (3) correlate the service with all program area instruction; and (4) provide area employers with a source of trained employees.

SB001645

Data Systems Contract.
Project Director: Pennington, Don.
Organization: Metropolitan School District, Indianapolis, Ind.
Funding Period: Start Date 1 Sep 75; End Date 30 Nov 75

This project will support the completion of the data system project by providing the funding to employ staff members and print the PVI application forms.

SB001646 **VTP-2044**

Continuation of Strategies for a Placement Service at the LEA Community Level and a Continuation of a Follow-Up Model Applicable to Local and State Needs Which Will Assist Each in Local and/or State Planning.
Project Director: Smith, Richard
Organization: New Albany-Floyd County Consolidated School Corp., Ind.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 28-74-C

The objectives of the project are to continue assessing business and industry's placement needs, improve the student introduction card system and increase the return percentage, and improve and update the job procurement minicourse. Feeder school counselors will become involved in placement; strategies will be developed to promote community awareness of vocational education; an occupational awareness day will be held; and strategies for a placement inservice workshop will be developed with vocational instructors.

SB001647

A System to Integrate Efforts of Universities, Counselor Educators, Vocational Educators and School System Educators to Develop a Stronger Counselor Training Program.
Project Director: Gibson, Robert L.
Organization: Indiana State Univ., Bloomington.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: 28-74-C-30

The purpose of this project, which was originally funded under Part C, is to strengthen those aspects of counselor training that prepare the counselor to function effectively in a comprehensive system of guidance and counseling, especially with regard to career guidance, placement, and follow-up. Specific objectives are to enable counselors-in-training, practicing school counselors, and university counselor educators to improve their competencies in and increase their knowledge of career education concepts, manpower needs, and employment patterns and trends; increase their skills in student assessment techniques; and improve their abilities in assisting students in career planning and decision making.

SB001648

The Development and Field-Testing of an Objective Selection Scale for Student Career Placement.
Project Director: Wircenski, Jerry L.
Organization: Purdue Univ., Lafayette, Ind.
Contract and/or Control No.: 58-75-D

This project will design four instruments for selecting students for four service area programs, field test the selection scales to correlate them with counselor and teacher prediction of student potential for achievement and with a control group, and design and field test a counselor/teacher handbook for developing student selection scales.

SB001649

F.E.A.T. - Fire Education and Training.
Project Director: Apple, Jack W.
Organization: Michigan City Area Vocational School, Ind.
Contract and/or Control No.: 59-75-D

The purposes of this project are to provide a library of instructional and audiovisual materials and develop a curriculum guide for training members of volunteer fire departments in LaPorte County. The project will purchase the items needed to establish fire service training programs, disseminate information about what materials are available, and implement a county-wide training program using those materials.

SB001650

Co-Home.
Project Director: Wesolowski, Anthony, Jr.
Organization: Garrett-Keyser-Butler Community School District, Garrett, Ind.
Contract and/or Control No.: 63-75-D

The goals of this project include (1) presenting the Four County Vocational Cooperative to the local schools, (2) working with local counselors and vocational staff to familiarize them with ongoing vocational programs, (3) establishing a testing program to assist students in their vocational pursuits, and (4) establishing placement procedures in conjunction with business and industry.

SB001651

K-6 Career Education Development.
Project Director: Frensemeier, Robert B.
Organization: Greensburg Community Schools, Ind.
Contract and/or Control No.: 65-75-D

The purpose of this project is to increase student career awareness and career knowledge and improve student self-concept. The project will seek to provide career education materials and career exploration activities in an effort to provide the students with the background necessary for career planning and decision making.

Fiscal Year 1976

SB001652

Assessing the Effectiveness of Publicizing Prospective Graduates as a Placement Technique.
Project Director: Shaver, Carroll
Organization: Indiana Vocational Technical Coll., Terre Haute.
Funding Period: Start Date 1 May 76; End Date 31 Oct 76
Contract and/or Control No.: 40-76-D-7

The purpose of this project is to increase the effectiveness of the placement program at Indiana Vocational-Technical College - Terre Haute by increasng the amount of information on current placement strategies. To assess the effectiveness of publicizing prospective graduates as a placement technique, this project will develop, print, and disseminate a prospective graduate booklet; survey employers to determine the use and benefit of the booklet; and analyze, evaluate, and report the results of the survey.

SB001653

Implementation of a Job Placement and Follow-Up System for Vocational Education Students.
Project Director: Moss, Jeffrey W.
Organization: Clinton Central High School, Michigantown, Ind.
Funding Period: Start Date 1 Jan 76; End Date 31 Dec 76
Contract and/or Control No.: 14-76-D-5

The goal of this project is to develop a plan for local education agencies (LEAs) to implement a job placement and follow-up system. Project objectives are to develop and implement a job placement system for former vocational students and program dropouts, implement a follow-up system and provide data on former vocational students and dropouts of the vocational program, and develop a long-range plan (five years) for use by LEAs in both job placement and student follow-up.

SB001654 **VTP-2569**

A Job Placement Follow-Up Study.
Project Director: Woolf, Billy
Organization: Monroe County Community School Corp., Bloomington, Ind.
Funding Period: Start Date 5 Jan 76; End Date 30 Jun 78
Contract and/or Control No.: 14-76-D-8

This project will establish a job placement service and conduct a follow-up study of Monroe County Area Vocational School Graduates. Potential employers will be contacted to determine the type of employment needed in each business, the job skills required, the rate of turnover, and the type of employee benefits. The data obtained

will be updated through questionnaires on a continuing basis. Student capabilities will be identified, and an information file developed for each student.

SB001655 **VTP-2567**

Implementation of a Job Placement and Follow-Up Service for Area 37.
Project Director: Hixson, James
Organization: Central Nine Vocational-Technical School, Greenwood, Ind.
Funding Period: Start Date 15 Apr 76; End Date 30 Jun 79
Contract and/or Control No.: 40-76-D-13

This project will develop plans and techniques for implementing a job placement service at the area vocational school which serves over 500 students. Procedures include collecting data on other job placement services, selecting an advisory committee, developing instructional units and brochures, assessing industry needs, conducting follow-up studies of graduates, and placing graduates.

SB001656 **VTP-2564**

BRVTC Placement Review (Re-visit interests, entry into work).
Project Director: Wheeler, Lynn
Organization: Blue River Vocational-Technical Center, Shelbyville, Ind.
Funding Period: Start Date 15 Apr 76; End Date 15 Apr 77
Contract and/or Control No.: 40-76-D-4

The purpose of this project is to provide placement services and follow-up for adults and high school students at an area vocational school. A needs assessment of employers and students will be made, and a placement service will be implemented. Job development groups will be conducted; and a job awareness day will be held for students, instructors, and employers. Follow-up surveys of high school and adult students will be conducted.

SB001657 **VTP-2568**

Implementation of a Job placement and Follow-Up System at Ben David High School.
Project Director: Archer, David
Organization: Wayne Township Metropolitan School District, Indianapolis, Ind.
Funding Period: Start Date 15 Apr 76; End Date 15 Apr 77

In an effort to improve the Ben David High School Job Placement and Follow-up Project, this project seeks to develop materials to be used by students for amplifying interviewing techniques, a follow-up format for past vocational students, an employment interest survey, and an exit interview format. The project will continue using the all-school job placement service approach.

SB001658

Perry County Placement and Follow-Up Project.
Project Director: Fruits, Dennis
Organization: Perry County Area Vocational Education Program, Tell City, Ind.
Funding Period: Start Date 1 Jun 76; End Date 30 Oct 76
Contract and/or Control No.: 40-76-D-2

This project aims to develop a model for the implementation of placement and follow-up services for vocational education students participating in the Perry County Area Vocational Education Program. Specific objectives include developing a plan that will inform the employment community of prospective employees who have skill training, establishing a "job bank" for current and past vocational graduates, and preparing and performing periodic student follow-up studies and employer surveys.

SB001659 **VTP-2499**

Development of Southeastern Indiana Vocational School and Employer Communications System.
Project Director: Baran, Stanley J.
Organization: Indiana Vocational Technical Coll., Region 10, Columbus.
Funding Period: Start Date 1 Apr 76; End Date 30 Apr 77
Contract and/or Control No.: 14-76-D-10

The objectives of this project are to establish a formal job placement center within the student services field; develop a business directory for the area; increase the contact between administrators, faculty, and the business community; and prepare a report for possible publication in vocational education journals. A student services assistant will be hired for counseling and placement activities.

SB001660 **VTP-2450**

A Followup System for Postsecondary Vocational-Technical Programs.
Project Director: Utley, George L.
Organization: Indiana Vocational Technical Coll., Evansville.
Funding Period: Start Date 30 Jan 76; End Date 30 Oct 76
Contract and/or Control No.: 14-76-D-9

The goals of the project are to expand the student follow-up data base to include students who have completed less than an associate degree or technical certificate and to obtain a 25 percent return on the follow-up effort. Procedures include employing and supervising additional clerical assistance to implement expanded data collection and revising current follow-up formats.

SB001661 **VTP-2446**

Development of Essential Follow-Up and Placement of Vocational Education Students.
Project Director: Bradbury, Raymond
Organization: Bartholomew Consolidated School Corp., Columbus, Ind.
Funding Period: Start Date 1 Jan 76; End Date 1 Sep 76
Contract and/or Control No.: 14-76-D-7

In this project, the placement office will seek to develop an open-ended employment and placement relationship with vocational teachers, work study coordinators, and groups which serve youths outside the school. The objectives of the project are to provide data on employment trends, develop employment opportunities for handicapped youth, develop the means to provide job experience for in-school youth, provide data for curriculum revision, and provide a systematic method for follow-up studies.

SB001662 **VTP-2443**

The Development of a Competency Based Teacher Education Curriculum Model.
Project Director: Wircenski, Jerry L.
Organization: Purdue Univ., Lafayette, Ind.
Funding Period: Start Date 1 Jan 76; End Date 30 Apr 77
Contract and/or Control No.: 14-76-D-3

The purpose of this project is to review and supplement the Center for Vocational and Technical Education's list of competencies to design a competency-based teacher education curriculum model in vocational agriculture, home economics, and trade and industrial education. Once the list is compiled, the curriculum model will be developed, reviewed, and field tested. In the second phase of the project, beginning teachers will participate in a self-evaluation and, after one year of teaching, teacher competencies will be evaluated by local personnel.

SB001663

Implementing a Student Job Placement Service.
Project Director: Beyler, Merland
Organization: Indiana Vocational Technical Coll., Fort Wayne.
Funding Period: Start Date 1 Nov 76; End Date 30 Jun 77
Contract and/or Control No.: 40-76-D-5

Funding for this project will provide for the employment of a clerical assistant for a placement activities position, who will assist in accelerating the implementation, testing, and improvement of a comprehensive job placement system at Indiana Vocational Technical College - Fort Wayne. The clerical assistant's responsibilities include collecting necessary information and forms from students seeking placement assistance, serving as a coordination point for employment opportunities and information, and assisting with the tabulation of graduate and employer surveys.

SB001664 **VTP-2193**

C.O.H.O.M.E. - Career Occupational Home Living Opportunities Through Mobile Education.
Project Director: Heier, Jeffrey L.
Organization: Four County Area Vocational Cooperative, Garrett, Ind.

Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The purpose of the first year of this projected three-year program is to offer coordinated vocational guidance, career awareness materials, vocational placement services, and ancillary services to all vocationally disadvantaged and handicapped students in twelve school corporations. A mobile unit designed to meet project objectives has been developed to provide these services. A career awareness materials center will be developed, and inservice vocational guidance and placement services training will be provided for resource persons.

SB001665 **VTP-2194**

FEAT: Fire Education and Training.
Project Director: Clevenger, James
Organization: Michigan City Area Vocational School, Ind.
Funding Period: Start Date 1 Jun 75; End Date 31 May 76

This project will provide a library of instructional and audiovisual materials and develop a curriculum guide for the purpose of training members of LaPorte County volunteer fire departments. A central library of software relating to fire service training will be established and maintained, and data will be collected to determine usage. The Long Beach Volunteer Fire Department will provide follow-up studies and will assist other locales in implementing a training program.

SB001666

A System to Integrate Efforts of Universities, Counselor Educators, Vocational Educators and School System Educators to Develop a Stronger Counselor Training Program.
Project Director: Gibson, Robert L.
Organization: Indiana State Univ., Bloomington.

The purpose of this project is to strengthen those aspects of counselor training that prepare the counselor to function effectively in a comprehensive system of guidance and counseling, especially with regard to career guidance, placement, and follow-up. Specific objectives are to enable counselors-in-training, practicing school counselors, and university counselor educators to improve their competencies in and increase their knowledge of career education concepts, manpower needs, and employment patterns and trends; increase their skills in student assessment techniques; and improve their abilities in assisting students in career planning and decision making.

SB001667 **VTP-2171**

K-6 Career Education Development.
Project Director: Rigdon, Robert E.
Organization: Greensburg Community School Corp., Ind.
Funding Period: Start Date 15 Apr 75; End Date 15 Jun 76

The objectives of this project are to provide teachers with a comprehensive inservice career education experience; develop K-12 career education goals for total corporation guidance; purchase and adapt career education materials and techniques; develop or select and purchase an evaluative system to measure the results; implement, evaluate, and modify the program; and disseminate results of the project.

SB001668 **VTP-2141**

The Development and Field-Testing of an Objective Selection Scale for Student Placement.
Project Director: Wircenski, Jerry L.
Organization: Purdue Univ., Lafayette, Ind.
Funding Period: Start Date 1 Jun 75; End Date 31 May 76

The goals of this project are to design student selection scales to record and relate all the variables which guidance personnel and vocational teachers evaluate as they interview and counsel students for program placement. The project will also design a counselor/-teacher handbook for developing student selection scales and field test both the selection scales and the handbook.

SB001669 **VTP-2196**

Placement Service Model.
Project Director: Lewis, Delbert E.
Organization: Elwood Community School Corp., Ind.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will provide a placement service model designed to serve all vocational placements at the local education agency level. Project objectives are to provide a vehicle for job availability for graduates who have developed skills and job competencies, conduct a needs assessment for individual program evaluation, serve the local and area employment needs of the community, and field test the model.

SB001670 **VTP-2502**

In-Depth Follow-Up of Graduates from IVTC at Madison.
Project Director: Deady, John J.
Organization: Indiana Vocational Technical Coll., Madison.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 40-76-D-10

The purpose of this project is to provide in depth follow-up information concerning Indiana Vocational Technical College - Madison graduates and their employers. Through questionnaires and telephone interviews with graduates and their employers, the project will seek to determine the graduates' placements and job advancements, instructional course content effectiveness, and the impact and worth of courses offered at the college.

SB001671 **VTP-2504**

Vocational Education Student Job Placement and Follow-Up.
Project Director: DuVall, John L.
Organization: Elkhart Community Schools, Ind.
Funding Period: Start Date 15 Jan 76; End Date 15 Jan 77
Contract and/or Control No.: 14-76-D-6

The objectives of this five-year program are to develop a more concrete method of communication with students and employers and evaluate and improve the overall training program in the areas of need. Specifically the project will develop a list of employers for use in placement of students, develop a data control system to furnish necessary information for the program, development job assistance directives for students, and conduct educational programs in all EACC disciplines.

Fiscal Year 1977

SB001672 **VTP-2909**

Careers Resource Project Utilizing A Mobile Unit Design.
Project Director: Carver, David
Organization: Indiana Vocational Technical Coll., Evansville.
Funding Period: Start Date 1 Jul 77; End Date 31 Oct 77

The goals of this project include implementing a systematic, articulated, comprehensive (K-12) career education program in the schools; increasing the use of existing vocational and career education resources by making career education materials and equipment (mobile unit) available to the schools; supporting inter-institutional cooperation through shared use of project personnel, equipment, and materials; and making a systematic, school-based, comprehensive placement model available to high schools on request.

SB001673 **VTP-2912**

Mobile Laboratory to Effect Knowledge of Techniques for Vocational Exploration.
Project Director: Dudley, Gerald O.
Organization: Penn-Harris-Madison School Corp., Osceola, Ind.
Funding Period: Start Date 1 Jul 77; End Date 31 Oct 77

This project is intended as an implementation of the previous year's project designed to explore ways in which a mobile unit can be used to complement career education inservice. The goals of the project include converting the mobile training unit from a classroom design to a flow-through design, making thirty presentations to groups attending the South Bend Center, and making fifty mobile training visits throughout northern Indiana to facilitate career media use and promote career awareness.

SB001674 **VTP-2764**

Area Placement Career Coordinator/Placement and Follow-Up Project.
Project Director: Wesolowski, Anthony
Organization: Four County Area Vocational Cooperative, Garrett, Ind.
Funding Period: Start Date 1 Sep 76; End Date 31 Aug 77
Contract and/or Control No.: 6-77-D-4

This project is designed to develop and establish a placement and follow-up system for vocational students in the four county area, involving eleven school districts. In additon to placement and follow-

up services, the project will include: preparation activities for exiting students, communication with business and industry, promotion of vocational education visibility, institution of inservice programs, dissemination of career information, and development and periodic updating of needs assessment.

SB001675 **VTP-2763**

Vocational Model for High Schools to Complement Area Vocational Opportunities.
Project Director: Burgess, Ersel E.
Organization: Charles A. Beard Memorial School Corp., Knightstown, Ind.
Funding Period: Start Date 1 Oct 76; End Date 31 May 77
Contract and/or Control No.: 6-77-D-1

This project intends to design and implement model vocational programs for small rural high schools that complement area vocational school programs. To determine the programs needed, data will be collected from former graduates, local business and industry, and parents and students. After data evaluation, a pilot program will be implemented. Additional objectives of the project are to design and implement a special advisement program for potential dropouts and design and implement a concentrated communication system to make students aware of the various vocational opportunities.

SB001676 **VTP-2746**

Careers Resource Project Utilizing a Mobile Unit Design (Continuation).
Project Director: Roth, Joe W.
Organization: Indiana Vocational Technical Coll., Evansville.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 5-76T-D

Through the use of mobile educational units, this project aims to continue a vocational exploration program for students in a sixteen county area of southwestern Indiana. Features of the project include (1) implementing a K-12 career education program in schools requesting such assistance; (2) increasing the use of vocational and career education resources; (3) disseminating vocational education information; and (4) implementing a systematic, school-based placement model upon request of high schools.

SB001677 **VTP-2758**

Project HOPE: A Comprehensive Plan for Indiana Health Occupations Program Educators (Continuation).
Project Director: Smalley, Shirley
Organization: New Castle Community School Corp., Ind.
Funding Period: Start Date 1 Sep 76; End Date 31 Aug 77
Contract and/or Control No.: 16-76T-D-2

The project will continue its effort to develop a long-range planning and management system for a comprehensive health occupations education program for Indiana. The third year's objectives include developing a competency-based teacher training program for health occupations teacher education; a performance-based student training program; and a system for providing information services to teachers, teacher-trainers, students, and others.

SB001678 **VTP-2750**

Identification and Analysis of Distributive Curricular Needs by Job Title.
Project Director: Pennington, Don E.
Organization: Washington Township Metropolitan School District, Indianapolis, Ind.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 16-76T-D-1

This project intends to review, analyze, and update the existing instructional system for Distributive Educatin (DE) in Indiana. Objectives of the project include (1) collecting distributive student enrollment data by U.S. Office of Education codes to compare with job market demand and analysis, (2) verifying and comparing existing V-TECS cashier-checker critical tasks with the previously identified critical task, (3) reviewing DE competency-based curriculum based on a study of critical tasks performed by retail salespersons, and (4) developing a DE domain matrix as a basis of further study of critical tasks needed in specific job titles.

SB001679 **VTP-2682**

Diffusion of the Cost-Effectiveness System for Improving Secondary Vocational Program Management.
Project Director: Mulholland, J. D.
Organization: Indiana Univ., Bloomington.
Funding Period: Start Date 1 Sep 76; End Date 31 Aug 77
Contract and/or Control No.: 6-77-D-12

In an effort to improve secondary vocational program management throughout the state, this project seeks to facilitate the diffusion of the previously developed, cost-effectiveness system. The project will focus on conducting an intensive pilot study on the implementation of the cost-effectiveness system and initiating a state-wide diffusion conference for disseminating the cost-effectiveness system.

SB001680 **VTP-2684**

Initial Implementation of Job Placement Program.
Project Director: Sample, Glenn
Organization: Indiana Vocational Technical Coll., Lafayette.
Funding Period: Start Date 1 Oct 76; End Date 31 May 77
Contract and/or Control No.: 6-77-D-7

This project intends to develop and implement a regional placement service for graduates of the Indiana Vocational Technical College - Lafayette. Procedures will include developing lists of potential employers by program areas for each county, developing model resumes and providing assistance in resume writing, and conducting two workshops in job-finding and interviewing techniques.

SB001681 **VTP-2676**

Creation of a Job Bank.
Project Director: Sample, Glenn
Organization: Indiana Vocational Technical Coll., South Bend.
Funding Period: Start Date 1 Oct 76; End Date 30 Jun 77
Contract and/or Control No.: 6-77-D-6

The purpose of this project is to create at the Indiana Vocational Technical College - South Bend, a job bank which will contain information on at least 200 employers in Region 2. Procedures will include hiring a clerical assistant to the placement officer, soliciting employer information by mail, visiting at least thirty employers in the region, publicizing the job bank services to the students and faculty, and reviewing results of other research and demonstration projects in placement and follow-up.

SB001682 **VTP-2680**

Development of Plan to Expand Present Placement System.
Project Director: Sample, Glenn
Organization: Indiana Vocational Technical Coll., Gary.
Funding Period: Start Date 1 Jan 77; End Date 30 Jun 77
Contract and/or Control No.: 6-77-D-5

This project will produce a plan to assist in the development of an employer reference area in the Indiana Vocational Technical College - Northwest. The placement director will write a plan that will discuss alternatives and recommend plans for organizing an employer reference file and for soliciting and obtaining employer reference materials, project a timetable of sequential placement activities, and review the placement and follow-up materials previously developed.

SB001683 **VTP-2689**

Project CONCERN.
Project Director: Noble, Howard
Organization: Lawrence Township Schools, Indianapolis, Ind.
Funding Period: Start Date 15 Sep 76; End Date 14 Sep 77
Contract and/or Control No.: 6-77-D-3

The objectives of this project include assembling a consortium of prospective employers, vocational teachers, and guidance personnel to formulate a viable placement and follow-up program for the Lawrence Township Schools; initiating a job-readiness and skill-development profile system that indicates every vocational student's career objective, interest, aptitude, learning style, and job skill level of performance; and formulating an ongoing follow-up system that provides for input data on mobility, stability, and advancement.

SB001684 VTP-2685

An Innovative Approach to Identifying Local Employment Opportunities for Students.
Project Director: McGrew, David
Organization: Wawasee Area Vocational Cooperative, Syracuse, Ind.
Funding Period: Start Date 1 Sep 76; End Date 1 Sep 77
Contract and/or Control No.: 6-77-D-2

The project will provide high school counselors with an opportunity to obtain firsthand information concerning local job opportunities for students and implement this information in the high school placement program. Project objectives are to obtain an accurate list of local student job opportunities and key contact personnel, establish better relations between business and the schools, and expand the counselor's knowledge of local job opportunities to permit more knowledgeable counseling.

SB001685 VTP-2835

Normative Study of Indiana Students Using V.I.S.I.O.N. Test.
Project Director: Dudley, Gerald
Organization: Penn-Harris-Madison School Corp., South Bend, Ind.
Funding Period: Start Date 1 Sep 77; End Date 1 Jul 78
Contract and/or Control No.: 6-77-D-13

The purpose of this project is to extend the use of the V.I.S.I.O.N. test by developing norm tables for test interpretation and by making the test easier to administer and score. Procedures are to produce a filmstrip version of the test in multiple copies, produce a machine/-hand scorable answer and interpretation form for the test in multiple copies, develop and analyze the computer scoring capability for the answer form, and administer and report the normative results of a large sample of students testing the instrument.

SB001686 VTP-2834

Modification of Indiana Vocational Technical College Curricula Structure.
Project Director: Ullery, William
Organization: Indiana Vocational Technical Coll., Indianapolis.
Funding Period: Start Date 1 Mar 77; End Date 30 Sep 77
Contract and/or Control No.: 6-77-D-10

In an effort to relate college curricula to specific occupational goals, this project will implement a state-wide curricula revision structure to meet postsecondary occupational needs. The curricula will be revised and restructured by faculty members into broader technology areas; the restructured programs will then be analyzed, evaluated, and modified by a faculty task force for each program area; and specific occupational programs will be developed within each of the broader technology areas by curricula advisory committees.

SB001687 VTP-2762

Special Services Coordination Involving Screening Placement Follow-Up of Vocational Students.
Project Director: Rowen, Russel J.
Organization: Evansville-Vanderburgh School Corp., Ind.
Funding Period: Start Date 1 Oct 76; End Date 15 Jun 77
Contract and/or Control No.: 6-76T-D-3

The goals of this project include developing a description of a model administrative services block for an area vocational school coordinator working in conjunction with the Research Coordinating Unit coordinator; establishing a vocational screening committee to review vocational programs; providing a comprehensive program of inservice training, materials development, research, teaching follow-up, and evaluation; and organizing a model to coordinate the vocational/career counseling of the area vocational schools.

SB001688 VTP-2748

Development of a Health Occupations Continuing Education Center (Continuation).
Project Director: Stevens, Joyce
Organization: Evansville-Vanderburgh School Corp., Ind.
Funding Period: Start Date 1 Oct 76; End Date 30 Aug 77
Contract and/or Control No.: 16-76T-D-4

During the third year of operation, this project will continue implementation of the continuing education center for vocational level health occupations workers and determine the effectiveness of the program offerings. Objectives are to determine through questionnaires if either participants or their supervisors perceive any upgrading of performance as a result of enrollment in continuing education programs, continue present programs and plan additional program offerings, and prepare a manual of administrative and instructional guidelines.

SB001689 VTP-2910

IVTC, BCSC, IUPUI-Columbus: Their Missions, Goals, Relationships, and Potential for Expanded Cooperation.
Project Director: Poling, Harvey
Organization: Bartholomew Consolidated School Corp., Columbus, Ind.
Funding Period: Start Date 15 Jun 77; End Date 15 Dec 77

The objectives of this project are to identify and clarify the mission, goals, and objectives of current programs of the three institutions; analyze the relationships among the three institutions; and determine the potential areas of further cooperation. Data about the institutions will be collected and analyzed to identify commonality and unique differences in articulation of programs and services, factors of common concern, advantages and disadvantages of increased cooperation, and needs assessment.

SB001690

Selection of a Job Placement and Follow-Up System for Vocational Education Students.
Project Director: Zafran, Nicholas J.
Organization: Clinton Prairie School Corp., Frankfort, Ind.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 1160

This project seeks to (1) develop a complete testing program for all entering freshman students to determine vocational aptitudes and interests, (2) assist project participants in learning job procurement procedures and requirements, (3) develop and implement a job placement and follow-up system to provide data on project participants, and (4) make more comprehensive testing information available to allow more comprehensive planning and guidance for all students.

SB001691 VTP-2755

Mobile Laboratory to Effect Knowledge of Techniques for Vocational Exploration (Continuation).
Project Director: Dudley, Gerald O.
Organization: Penn-Harris-Madison School Corp., Osceola, Ind.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 2-76T-D

This project is intended as an implementation of the previous year's project designed to explore ways in which a mobile unit can be used to complement career education inservice. The goals of the project include converting the mobile training unit from a classroom design to a flow-through design, making thirty presentations to groups attending the South Bend Center, and making fifty mobile training visits throughout northern Indiana to facilitate career media use and promote career awareness.

IOWA

Part C

Fiscal Year 1971

SB001692 **VTP-394**

Career Education Needs Information System (CENIS).
Organization: Iowa State Dept. of Public Instruction, Des Moines. Support Services Section.
Funding Period: Start Date 27 Sep 71; End Date 15 Jun 72

To provide essential data for planning and decision making, this project will establish a coordinated system for annual collection of data relating to labor demand and supply and student interests and outcomes. The project will utilize survey results in developing an interface of the four system components to assist in planning, conducting, and evaluating career education programs, activities, and services. The survey instrument will be developed, and a follow-up study will be conducted.

SB001693 **VTP-603**

Identification of Competencies for Occupations in Housing, Design and Interior Decoration.
Project Director: Hughes, Ruth P.
Organization: Iowa State Univ., Ames. Dept. of Home Economics Education.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 73

The purpose of this project is to provide a listing of occupations in housing, design, and interior decoration. The project will be conducted in two phases. A tentative list of competencies needed for each occupation listed will be prepared, available jobs in these areas will be categorized, and a job-competency matrix which will provide teachers with a guide for curriculum development will be devised.

SB001694 **VTP-570**

Identification of Competencies for Child Care Occupations.
Project Director: Beavers, Irene
Organization: Iowa State Univ., Ames. Dept. of Home Economics Education.
Funding Period: Start Date 1 Apr 72; End Date 30 Jun 73

The purpose of this project is to provide a listing of competencies in child care occupations. In Phase I, the project will develop a tentative list of child care occupations and competencies needed for each job. In Phase II, the project will identify tasks and competencies appropriate for child care occupations requiring less than baccalaureate preparation and develop a job-competency matrix to provide teachers with a guide for curriculum development.

SB001695

Learning Activity Packages for a Distributive Education Learning System.
Project Director: Ditzenberger, Roger
Organization: Iowa State Dept. of Public Instruction, Des Moines.

The purpose of this project is to participate in an interstate consortium through which learning activity packages for 983 distributive education (DE) competencies will be developed, field tested, and provided to each of Iowa's DE coordinators. Additonal project objectives include developing learning activity packages for 100 selling competencies and implementing the use of the learning activity packages by providing inservice education for DE coordinators.

SB001696

Identification of Occupational Competencies in Services for the Electromechanical Cluster of Occupations.
Project Director: Wolansky, William D.
Organization: Iowa State Univ. of Science and Technology, Ames. Dept. of Industrial Education.
Funding Period: Start Date 3 Mar 72; End Date 1 Dec 73

The goal of this project is to provide a listing of competencies for the occupations in the electromechanical service area. In Phase I, the project will conduct a literature review to identify and develop a tentative list of occupations and competencies needed for each job. In Phase II, the project will identify tasks and competencies appropriate for those selected occupations requiring less than baccalaureate preparation, apply a task analysis to the identified competencies, and prepare a competency matrix.

SB001697

Identification of Competencies for Clothing Apparel and Textile Industry Occupations in Iowa.
Project Director: Story, Marilyn
Organization: Northern Iowa Univ., Cedar Falls. Dept. of Home Economics.

The objective of this project is to develop a job-competency matrix to be used by local teachers as a guide in curriculum development for the clothing, apparel, and textile industry occupations requiring less than baccalaureate preparation. The project will conduct a literature review to determine the occupational titles and jobs available in these fields, survey employers and employees to identify competencies needed for each occupation, and develop a job-competency matrix from the results of the survey.

SB001698

Identification of Competencies for Family and Community Services Occupations in Iowa.
Project Director: Story, Marilyn
Organization: Northern Iowa Univ., Cedar Falls. Dept. of Home Economics.

The goal of this project is to develop a job-competency matrix to be used by local teachers as a guide in curriculum development for the family and community services occupations requiring less than baccalaureate preparation. The project will conduct a literature review to determine the occupational titles and jobs available in these fields, survey employers and employees to identify competencies needed for each occupation, and develop a job-competency matrix from the results of the survey.

SB001699

The Identification, Analysis, and Validation of Resource Materials for Occupational Preparation and Training in Photo-Offset Lithography.
Project Director: Hansen, Russell G.
Organization: Northern Iowa Univ., Cedar Falls. Dept. of Industrial Arts and Technology.

This project seeks to identify and analyze existing educational resource materials in photo-offset lithography; identify the specific tasks under each job description selected for this study and analyze their frequency and importance; and identify, define, and validate employment classifications, their descriptions, and listed tasks through consultation with personnel employed in the photo-offset lithography field in Iowa.

SB001700

Unifying a Career Development Theme in the Curriculum Through Teacher In-Service Activities.
Project Director: Matson, Merwyn D.
Organization: Mason City Community School District, Iowa.

Through teacher inservice activities, this exemplary project seeks to orient teachers, counselors, and administrators toward career development theory and vocational philosophy. Workshops will be conducted to allow participants to reassess their own attitudes toward a variety of careers by onsite, indepth visitations. Workshop participants will be expected to create student and curricular activities which will most directly relate to the philosophy and rationale of career education.

SB001701

Low-Income Individuals in Iowa Counties and School Districts.
Organization: Iowa State Dept. of Revenue, Des Moines.

The purpose of this project is to produce summaries of data analyses performed with school district information. The summaries will indicate the number of low-income individuals in each merged area and in each school district within that area. The data will be useful in applying consumer and homemaking guidelines for identifying number and location of disadvantaged individuals, in determining need, in developing reports, and in planning new or modified programs.

SB001702

Annual Followup Processed by Iowa Education Information Center.
Organization: Iowa State Dept. of Public Instruction, Des Moines.

Descriptive information unavailable.

SB001703

Instructional Materials Development and Articulation in Career Education.
Project Director: Kahler, Alan A.
Organization: Iowa State Dept. of Public Instruction, Des Moines.
Funding Period: Start Date 1 Mar 73; End Date 15 Aug 73

This project intends to plan and conduct local workshops to complete the implementation of career development in all schools participating in "Models for Precareer Education in Iowa" or "Models for Secondary Career Education Programs in Iowa." Objectives include building career education objectives into current course content, generating career development curriculum guidelines and instructional materials, and establishing procedures for coordinating instructional activities.

Fiscal Year 1972

SB001704

Career Education Needs Information System (CENIS).
Organization: Iowa State Dept. of Public Instruction, Des Moines. Support Services Section.

To provide essential data for planning and decision making, this project will establish a coordinated system for annual collection of data relating to labor demand and supply and student interests and outcomes. The project will utilize survey results in developing an interface of the four system components to assist in planning, conducting, and evaluating career education programs, activities, and services. The survey instrument will be developed, and a follow-up study will be conducted.

SB001705

Identification of Competencies for Clothing Apparel and Textile Industry Occupations in Iowa.
Project Director: Story, Marilyn
Organization: Northern Iowa Univ., Cedar Falls. Dept. of Home Economics Education.
Funding Period: Start Date 1 May 72; End Date 30 Jun 73

This is the second year of a project which seeks to develop a job-competency matrix to be used by local teachers as a guide in curriculum development for the clothing, apparel, and textile industry occupations requiring less than baccalaureate preparation. The project will conduct a literature review to determine the occupational titles and jobs available in these fields, survey employers and employees to identify competencies needed for each occupation, and develop a job-competency matrix from the results of the survey.

SB001706

Identification of Competencies for Institutional and Household Services.
Project Director: Beavers, Irene
Organization: Iowa State Univ. of Science and Technology, Ames. Dept. of Home Economics Education.
Funding Period: Start Date 1 Jun 72; End Date 31 Aug 73

The objective of this project is to develop a job-competency matrix to be used by local teachers as a guide in curriculum development for the institutional and household services occupations requiring less than baccalaureate preparation. The project will conduct a literature review to determine the occupational titles and jobs available in these fields, survey employers and employees to identify competencies needed for each occupation, and develop a job-competency matrix from the results of the survey.

SB001707 VTP-758

Identification of Competencies for Occupations in Food Service.
Project Director: Hughes, Ruth P.
Organization: Iowa State Univ., Ames. Coll. of Home Economics.
Funding Period: Start Date 1 Jun 72; End Date 31 Aug 73

The objectives of this three-year project are to prepare a tentative list of occupations in food service, categorize jobs available in food service, and devise a job-competency matrix which will provide teachers with a guide for curriculum development in food service at the local level. Related information available in career education will be obtained.

SB001708

An Occupational Analysis of Job Opportunities and Related Competencies Required for Entry into the Semi-Skilled, Skilled and Technical Occupational Levels of the Plastics Industry.
Project Director: LaRue, James P.
Organization: Northern Iowa Univ., Cedar Falls.
Funding Period: Start Date 30 May 72; End Date 31 Aug 73

The objectives of this project are to identify, describe, and validate the job titles and related competencies required for entry into the semiskilled, skilled, and technical occupational levels of the plastics industry. The project will conduct a literature review to identify job titles and competencies and, through questionnaires and personal interviews, will survey personnel employed in plastics occupations to validate competency lists. Results of the study will be used in developing and improving occupational programs in plastics.

SB001709

Instructional Materials Development and Articulation in Career Education.
Project Director: Kahler, Alan A.
Organization: Iowa State Dept. of Public Instruction, Des Moines.
Funding Period: Start Date 1 Mar 73; End Date 15 Aug 73

This project intends to plan and conduct local workshops to complete the implementation of career development in all schools participating in "Models for Precareer Education in Iowa" or "Models for Secondary Career Education Programs in Iowa." Objectives include building career education objectives into current course content, generating career development curriculum guidelines and instructional materials, and establishing procedures for coordinating instructional activities.

Fiscal Year 1973

SB001710 VTP-875

Population/Enrollment Trends in Iowa and Their Implications for Iowa's Area Schools.
Project Director: Brown, Clifford
Organization: Kirkwood Community Coll., Cedar Rapids, Iowa.
Funding Period: Start Date 15 Jul 72; End Date 30 Jun 73

The objectives of this study include determining population and enrollment trends; determining potential enrollments according to selected categories including disadvantaged, handicapped, and veterans; developing an awareness of the relationship of population and

enrollment changes to manpower needs, student interests, facilities needs, and program offerings; determining postsecondary education trends and the relationship of these trends to enrollment in area schools; and providing a basis for annual or biennial updating of enrollment projects.

SB001711

Determine the Competency Needs of Sanitarian Aides.
Project Director: Pengra, Harold C.
Organization: Iowa Western Community Coll., Council Bluffs.
Funding Period: Start Date 1 Jan 73; End Date 15 Feb 74

The objectives of this project are to determine competency needs of paraprofessionals to work effectively in the field of environmental sanitation and assimilate the data acquired in matrix form so educators may use it for curriculum development. Based on the available information, lists of the competencies, skills, and knowledge needed by paraprofessionals will be composed. Through correspondence and personal interview, the competency lists will be validated, and a questionnaire will be developed.

SB001712 **VTP-904**

Determine the Career Education Needs for Merged Area V Community College.
Project Director: Larson, Carl H.
Organization: Iowa Central Community Coll., Fort Dodge.
Funding Period: Start Date 1 Jan 73; End Date 30 Jun 73

The objectives of this study are to determine the area's career education needs and develop a five-year plan for the implementation of career education in all the area schools. The project will conduct a literature review, determine the data needed to develop the plan, design data collection instruments, collect and analyze the data, and develop a five-year plan.

SB001713

Competencies Needed by Workers in Occupations Requiring Less Than a Baccalaureate Degree in the Horticulture Industry.
Project Director: Kahler, Alan
Organization: Iowa State Univ. of Science and Technology, Ames. Dept. of Agricultural Education.
Funding Period: Start Date 1 Jan 73; End Date 1 Mar 74

The objectives of this project are to identify and list occupations in the horticultural industry, identify competencies needed for each occupation, determine the more important competencies needed in each occupation studied, determine commonalities among competencies, and develop a job-competency matrix that will be used in curriculum development at the secondary and postsecondary levels. Through the use of survey questionnaires and personal interviews, workers will validate the list of competencies.

SB001714

Identification of Competencies for Occupations in Institutional and Household Services.
Project Director: Beavers, Irene
Organization: Iowa State Univ. of Science and Technology, Ames. Dept. of Home Economics Education.
Funding Period: Start Date 1 Jun 72; End Date 31 Aug 73

The objective of this project is to develop a job-competency matrix to be used by local teachers as a guide in curriculum development for the institutional and household services occupations requiring less than baccalaureate preparation. The project will conduct a literature review to determine the occupational titles and jobs available in these fields, survey employers and employees to identify competencies needed for each occupations, and develop a job-competency matrix from the results of the survey.

SB001715

Identification of Competencies for Occupations in Food Service.
Project Director: Hughes, Ruth P.
Organization: Iowa State Univ. of Science and Technology, Ames. Dept. of Home Economics Education.
Funding Period: Start Date 1 Jun 72; End Date 31 Aug 73

The objectives of this three-year project are to prepare a tentative list of occupations in food service, categorize jobs available in food service, and devise a job-competency matrix which will provide teachers with a guide for curriculum development in food service at the local level. Related information available in career education will be obtained.

SB001716

Career Education Needs Information System (CENIS).
Organization: Iowa State Dept. of Public Instruction, Des Moines. Support Services Section.

To provide essential data for planning and decision making, this project intends to establish a coordinated system for annual collection of data relating to labor demand and supply and student interests and outcomes. The project will utilize survey results in developing an interface of the four system components to assist in planning, conducting, and evaluating career education programs, activities, and services. The survey instrument will be developed, and a follow-up study will be conducted.

SB001717

Workshop in Curriculum Organization and Development in Agribusiness and Natural Resources Education.
Project Director: Bundy, C. E.
Organization: Iowa State Univ. of Science and Technology, Ames.
Funding Period: Start Date 1 May 73; End Date 1 Aug 73

This project seeks to develop curriculum guides in agribusiness and natural resource education for use by vocational and technical agricultural instructors in Iowa. The project will conduct a three-week workshop for instructors and other qualified persons to develop teaching guides for agricultural fields including animal science, agronomic science, agricultural mechanics, farm business management, agricultural supplies and services, and horticulture.

SB001718

The Development of a List of Competencies for Office Occupations.
Project Director: Reed, Jack C.
Organization: Northern Iowa Univ., Cedar Falls.
Funding Period: Start Date 1 May 73; End Date 30 Jun 73

This project seeks to identify competencies in the field of office occupations and compile in booklet form a list of competencies for distribution to secondary and postsecondary office education teacher-coordinators.

SB001719

Area X Career Education Needs Assessment Project.
Project Director: Larson, Ira E.
Organization: Kirkwood Community Coll., Cedar Rapids, Iowa.
Funding Period: Start Date 1 May 73; End Date 19 Nov 73

Objectives for this project include (1) establishing the need for career exploration opportunities and preparatory courses for junior and senior high school students (grades 7-12) and adults in Area X, (2) projecting needed career awareness programs in the schools of Area X (grades K-14), (3) developing alternative means of meeting the needs and determining their costs, and (4) recommending one alternative and projecting an implementation schedule.

SB001720

Determine the Career Education Needs for Merged Area XII.
Project Director: Kyle, Wayne
Organization: Western Iowa Tech, Sioux City.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project aims to develop a master plan for implementing career education into all schools within the area and for all students, K-adult. A consortium composed of Western Iowa Tech, thirty-two public school districts, and three parochial school districts will be established to accomplish project objectives which include identifying career education needs and available resources for career education implementation in the local schools.

SB001721

Career Needs Assessment for Merged Area II.
Project Director: Bienfang, Homer C.
Organization: North Iowa Area Community Coll., Mason City.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

Objectives for this project include (1) establishing the extent of need for career awareness, exploration, preparatory, and supplementary opportunities for K-adult persons of Merged Area II; (2) establishing those same needs for clients of the various social agencies of Merged Area II; (3) developinng and examining the costs of alternate

ways of meeting those needs; and (4) recommending a proposed alternative and projecting an implementation schedule.

SB001722

Evaluation of Models for Precareer Education in Iowa and Models of Secondary Career Education in Iowa.
Project Director: Van Dusseldorp, Ralph
Organization: Iowa Univ., Iowa City. Iowa Center for Research in School Administration.
Funding Period: Start Date 1 May 72; End Date 30 Jun 75

The objectives of this project include establishing procedures for evaluating the implementation and preparation phase of the model presented for career education, evaluating the outlines and program descriptions of program models used to implement career education programs in elementary and secondary schools of different sizes, and evaluating the established and conducted exemplary programs in the selected schools.

SB001723

Third Party Evaluation of the Iowa Project, No.S-346 (Models for Elementary and Secondary Career Education in Iowa) Addendum.
Project Director: Van Dusseldorp, Ralph
Organization: Iowa Univ., Iowa City. Iowa Center for Research in School Administration.
Funding Period: Start Date 4 Jun 73; End Date 15 Oct 73

This project seeks to evaluate the Iowa Project Summer Workshops for instructional materials development and articulation in career education. This workshop is an extension of two previously funded exemplary projects in career education entitled "Models for Pre-Career Education in Iowa" and "Models for Secondary Career Education Programs in Iowa" known collectively as the Iowa Project.

SB001724

Evaluation of Iowa Central Community College Career Education Programs in Engine Mechanics, Office Education, and Secretarial-Clerical.
Organization: Iowa Central Community Coll., Fort Dodge.

The purpose of this project is to evaluate the Iowa Central Community College career education pilot program for high school students. The project will assess the preliminary activities in the establishment and operation of the programs for small engine mechanics, clerical office education, and secretarial office education. The evaluation will be based on records and interviews with persons involved in the program.

SB001725

Instructional Materials Development and Articulation in Career Education.
Project Director: Kahler, Alan A.
Organization: Iowa State Univ. of Science and Technology, Ames.
Funding Period: Start Date 1 Mar 73; End Date 15 Aug 73

Nine schools participating in the Iowa Career Education Project will plan and conduct local workshops to (1) share approaches for implementing career education in the project schools, (2) review current objectives and course content in instructional disciplines at all grade levels, (3) build new career education objectives, (4) generate career development curriculum guidelines and instructional materials at all grade levels and in all educational disciplines, and (5) establish procedures to coordinate instructional activities in career education.

Fiscal Year 1974

SB001726 **VTP-1160**

Determining the Career Education Needs for Merged Area I.
Project Director: Schrage, Darwin
Organization: Area 1 Vocational-Technical School, Calmar, Iowa.
Funding Period: Start Date 1 Nov 73; End Date 30 Jun 74

The objectives of this project are to identify the scope and direction of career education programs presently being offered at schools within Area One; identify the need for career awareness, exploration, preparatory, and supplementary opportunities for K-adult individuals; establish the extent of need for these opportunities for clients of social agencies; develop alternative means of meeting the needs and determine their costs; and determine the priorities for the development of career education programs at the area vocational technical school.

SB001727 **VTP-1161**

Development of a Competency Matrix Based K-12 Industrial Arts Curriculum Guide.
Project Director: Wolansky, William D.
Organization: Iowa State Dept. of Public Instruction, Des Moines.
Funding Period: Start Date 1 Nov 73; End Date 31 Aug 74

The objectives of this project are to define and develop an acceptable philosophy, goals, and program directions for K-12 industrial arts; define and describe the content base for industrial arts for all educational levels; identify and develop appropriate idustrial arts performance competencies; prepare a curriculum guide; and identify and describe further problems or needs which will improve industrial arts instruction.

SB001728 **VTP-1095**

Career Needs Assessment of Merged Area II.
Project Director: Bienfang, Homer C.
Organization: Northern Iowa Area Community Coll., Mason City.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objectives of this project are to establish the extent of need for career awareness, exploration, preparatory, and supplementary opportunities for K-adult individuals and establish the extent of need for these opportunities for clients of the various social agencies. An advisory committee will be established to determine needs of students and local school social agencies, physical needs, student enrollments, and geographical restraints.

SB001729 **VTP-1102**

An Extension of the Population Enrollment Trends in Iowa and Implications for Iowa's Area Schools.
Project Director: Page, Donald J.
Organization: Kirkwood Community Coll., Iowa.
Funding Period: Start Date 16 Sep 73; End Date 31 Aug 74

The purpose of this project is to continue the research study for "Population/Enrollment Trends in Iowa and Implications for Iowa's Area Schools" with modifications. The project will study characteristics of students in the area colleges and analyses of trends for the past three years. Information will be kept current and made available to appropriate groups. This information will include the K-12 enrollment projection study, CENIS study, and the follow-up studies of high school graduates and dropouts.

SB001730 **VTP-902**

Determine the Competency Needs of Sanitarian Aides.
Project Director: Pengra, Harold C.
Organization: Iowa Western Community Coll., Council Bluffs.
Funding Period: Start Date 1 Jan 73; End Date 15 Feb 74

The objectives of this project are to determine competency needs of paraprofessionals to work effectively in the field of environmental sanitation and assimilate the data acquired in matrix form so educators may use it for curriculum development. Based on the available information, lists of the competencies, skills, and knowledge needed by paraprofessionals will be composed. Through correspondence and personal interview, the competency lists will be validated, and a questionnaire will be developed.

SB001731 **VTP-903**

Competencies Needed by Workers in Occupations Requiring Less Than a Baccalaureate Degree in the Horticulture Industry.
Project Director: Kahler, Alan
Organization: Iowa State Univ. of Science and Technology, Ames. Dept. of Agricultural Education.
Funding Period: Start Date 1 Jan 73; End Date 1 Mar 74

The objectives of this project are to identify and list occupations in the horticultural industry, identify competencies needed for each occupation, determine the more important competencies needed in each occupation studied, determine commonalities among competencies, and develop a job-competency matrix that will be used in curriculum development at the secondary and postsecondary levels. Through the use of survey questionnaires and personal interviews, workers will validate the list of competencies.

SB001732

Identification of Occupational Competencies in Services for the Electromechanical Cluster of Occupations.
Project Director: Wolansky, William D.
Organization: Iowa State Univ., Ames.

This is the continuation of the project designed to provide a listing of competencies for the occupations in the electromechanical service area. In Phase I, the project will conduct a literature review to identify and develop a tentative list of occupations and competencies needed for each job. In Phase II, the project will identify tasks and competencies appropriate for those selected occupations requiring less than baccalaureate preparation, apply a task analysis to the identified competencies, and prepare a competency matrix.

SB001733

Determine the Career Education Needs for Merged Area XII.
Project Director: Kyle, Wayne
Organization: Western Iowa Tech, Sioux City.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project intends to develop a master plan for implementing career education in all schools within the area and for all students, K-adult. A consortium composed of Western Iowa Tech, thirty-two public school districts, and three parochial school districts will be established to accomplish project objectives which include identifying career education needs and available resources for career education implementation in the local schools.

SB001734 VTP-1238

Needs for Integrating Career Education Services Within Des Moines Area Community College District.
Project Director: Byerly, Richard L.
Organization: Des Moines Area Community Coll., Iowa.
Funding Period: Start Date 1 Mar 74; End Date 28 Feb 75

The objectives of this project are to determine career education needs for communities within the district; determine the feasibility of establishing career education, exploratory, preparatory, and supplementary opportunities within outlying communities; form a consortium of secondary school officials to determine special programs and directions; and develop a plan to deliver career education services. A survey to collect necessary information will be developed, administered, and analyzed, and recommendations for establishing career education programs will be made.

SB001735 VTP-1493

Research Project on Career Development in Merged Area III.
Project Director: Van Eldik, James D.
Organization: Iowa Lakes Community Coll., Estherville.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The goals of this project are to determine the career development needs of children and adults, determine how well current programs and activities meet these needs and what changes or additional programs are required, determine present and future employment opportunities and trends, and determine methods by which educational agencies can cooperate to insure a cohesive career development process. An advisory committee will be established, and research instruments and a plan for career development will be developed.

SB001736

Third Party Evaluation of the Iowa Project, No.S-346 (Models for Elementary and Secondary Career Education in Iowa) Addendum.
Project Director: Van Dusseldorp, Ralph
Organization: Iowa Univ., Iowa City. Iowa Center for Research in School Administration.

This project seeks to evaluate the Iowa Project Summer Workshops for instructional materials development and articulation in career education. This workshop is an extension of two previously funded exemplary projects in career education entitled "Models for Pre-Career Education in Iowa" and "Models for Secondary Career Education Programs in Iowa" known collectively as the Iowa Project.

SB001737

Third Party Evaluation of Iowa Central Community College Career Education Programs in Engine Mechanics, Office Education, and Secretarial-Clerical.
Organization: Iowa Univ., Iowa City. Iowa Educational Information Center.

The purpose of this project is to evaluate the Iowa Central Community College career education pilot program for high school students. The project will assess the preliminary activities in the establishment and operation of the programs for small engine mechanics, clerical office education, and secretarial office education. The evaluation will be based on records and interviews with persons involved in the program.

SB001738

Identification of Competencies for Occupations in Food Service.
Project Director: Hughes, Ruth P.
Organization: Iowa State Univ. of Science and Technology, Ames. Dept. of Home Economics Education.

This project seeks to identify tasks performed by employees with less than baccalaureate preparation in four types of establishments: restaurants, hospitals/nursing homes, colleges/universities, and schools. The project will also determine tasks common to these occupations and tasks unique to each occupation and will devise a matrix to provide teachers with guides for curriculum development at the local level.

Fiscal Year 1975

SB001739 VTP-1820

Determine the Competency Needs of Sanitarian Aides (Phase II).
Project Director: Rudolph, Wayne A.
Organization: Iowa Western Community Coll., Council Bluffs.
Funding Period: Start Date 1 Nov 74; End Date 30 Jun 75

The objectives of this project are to determine the competency needs of paraprofessionals to work effectively in the field of environmental sanitation and to assimilate the data acquired in matrix form so educators may use it for curriculum development. A series of two separate questionnaires will be developed, field tested, and sent to a selected survey population. The data collected will be tabulated and assembled with the conclusions and recommendations of the study for dissemination.

SB001740 VTP-1444

Implementing Distributive Education Learning Systems (Research - Training).
Project Director: Ditzenberger, Roger
Organization: Northern Iowa Univ., Cedar Falls.
Funding Period: Start Date 24 Jun 74; End Date 30 Jun 75

The goals of the project are to provide knowledge and understanding of the Interstate Distributive Education Curriculum Project, orient the teacher-coordinators on how to use the consortium materials in their programs, and provide each participating coordinator with a set of the learning activity packages. One-day seminars will be conducted for 150 high school, postsecondary, and adult distributive education personnel.

SB001741 VTP-1819

Career Needs Assessment for Merged Area IX.
Project Director: Schultz, Richard H.
Organization: Eastern Iowa Community Coll. District, Davenport.
Funding Period: Start Date 1 Nov 74; End Date 1 Sep 75

The objectives of this project are to determine the career education needs of the various publics in Area IX, utilize the study to enhance cooperation between the schools in career education programs, develop a list of identified priorities for meeting the needs of the individuals, and develop the plans for a delivery system for career experiences of K-adult. A steering committee for project direction and cooperation will be established.

SB001742

Research Project on Career Development in Merged Area III.
Project Director: Van Eldik, James D.
Organization: Iowa Lakes Community Coll., Estherville.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: I-32

This project seeks to determine the career development needs of children and adults (K-adult). Project objectives include determining how well current programs and activities meet these needs and what changes or additional programs are required, present and future employment opportunities and trends, and methods by which educational agencies can cooperate to insure a cohesive career development process.

SB001743

Needs for Intergrating Career Education Services Within Des Moines Area Community College District.
Project Director: Byerly, Richard L.
Organization: Des Moines Area Community Coll., Ankeny, Iowa.
Funding Period: Start Date 1 Mar 74; End Date 28 Feb 75
Contract and/or Control No.: I-29

The objectives of this project include assessing the career education needs, including exploration, preparatory, and supplementary needs, for outlying communities of the Des Moines Area Community College; determining the feasibility of establishing career education, exploratory, preparatory, and supplementary opportunities within outlying communities; developing alternate means for meeting the identified needs; and making recommendations for establishing programs.

SB001744 VTP-1239

Area XV Comprehensive Career Education Research and Plan Development.
Project Director: Ensz, Darrel
Organization: Indian Hills Community Coll., Ottumwa, Iowa.
Funding Period: Start Date 1 Mar 74; End Date 28 Feb 75

The goals of this project are to establish the need for career awareness, exploratory, preparatory, and supplementa' opportunities in Area XV; develop a description of existing career education resources; estimate additional resources needed to meet career education needs; and develop recommendations in the delivery and coordination of career education and support services.

SB001745 VTP-1447

Developing a Long Range Master Plan for Implementing Career Education for Schools in the Area, for All Students K-Adult.
Project Director: Backstrom, Robert G.
Organization: Iowa Valley Community Coll. District, Marshalltown.
Funding Period: Start Date 1 Aug 74; End Date 30 Jun 75

The objectives of this project are to ascertain K-adult needs in Merged Area VI, identify what is currently being done to meet career education needs in area public schools, and synthesize the resources and needs as an optimum combination of resources and activities as recommendations to the area public schools for future planning. A steering committee will carry ultimate responsibility for the project and approve major activities and expenditures.

SB001746

Population/Enrollment Trends in Iowa and Their Implications for Iowa's Area Schools.
Project Director: Brown, Clifford C.
Organization: Kirkwood Community Coll., Cedar Rapids, Iowa.
Funding Period: Start Date 15 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: I-15

The purposes of this project include ascertaining population, enrollment, and potential enrollment trends by various age groups and stated categories for each of Iowa's fifteen merged areas and for Iowa as a whole; developing an awareness of the relationship of population and enrollment changes to manpower needs, student interests, facilities needs, and program offerings; and providing a basis for updating enrollment projections.

SB001747

Development of a Competency Matrix Based K-12 Industrial Arts Curriculum Guide.
Project Director: Wolansky, William D.
Organization: Iowa State Dept. of Public Instruction, Des Moines.

The objectives of this project are to define and develop an acceptable philosophy, goals, and program directions for K-12 industrial arts; define and describe the content base for industrial arts for all educational levels; identify and develop appropriate industrial arts performance competencies; prepare a curriculum guide; and identify and describe further problems or needs which will improve industrial arts instruction.

SB001748

Third Party Evaluation of Models for Precareer Education in Iowa and Models for Secondary Career Education in Iowa.
Project Director: Van Dusseldorp, Ralph
Organization: Iowa Univ., Iowa City. Iowa Educational Information Center.

This project seeks to evaluate the Iowa Project Summer Workshops for instructional materials development and articulation in career education. This workshop is an extension of two previously funded exemplary projects in career education entitled "Models for Pre-Career Education in Iowa" and "Models for Secondary Career Education Programs in Iowa," known collectively as the Iowa Project.

SB001749

Addendum to Third Party Evaluation of Models for Precareer Education in Iowa and Models for Secondary Career Education in Iowa.
Project Director: Van Dusseldorp, Ralph
Organization: Iowa Univ., Iowa City. Iowa Educational Information Center.

This project seeks to evaluate the Iowa Project Summer Workshops for instructional materials development and articulation in career education. This workshop is an extension of two previously funded exemplary projects in career education entitled "Models for Pre-Career Education in Iowa" and "Models for Secondary Career Education Programs in Iowa," known collectively as the Iowa Project.

SB001750 VTP-1805

Proposal for a Research Grant to Determine the Needs of Merged Area XIV in Relation to the Implementation of a Long Range Plan for Career Education.
Project Director: Cross, James D.
Organization: Southwestern Community Coll., Creston, Iowa.
Funding Period: Start Date 1 Jan 75; End Date 30 Sep 75

The objectives of this project include establishing the extent of need for career awareness, exploration, preparatory, and supplementary opportunities for K-adult persons in Merged Area XIV; establishing those same needs for clients of the various social agencies of Merged Area XIV; identifying existing resources for the implementation of career education; and developing recommendations based upon information obtained. An advisory committee and working committee will be established, and student, school, and social agency needs will be determined.

SB001751 VTP-1842

Area XVI Career Needs and Interest Study.
Project Director: Ferguson, Hugh D.
Organization: Southeastern Community Coll., West Burlington, Iowa.
Funding Period: Start Date 1 Jan 75; End Date 31 Dec 75

The objectives of this project are to determine career education population and manpower needs and interests; determine availability of necessary resources; determine personnel resources necessary for instruction, administration, transportation, and other supportive staffing; and develop a plan for providing the necessary career experiences for individuals K-adult. Career education needs and interests for students K-14 will be established through a survey instrument. Present and potential student enrollments and employment needs will be determined.

SB001752 VTP-1990

Career Needs Assessment for Merged Area IV.
Project Director: Korver, Muryl
Organization: Northwest Iowa Vocational School, Sheldon.
Funding Period: Start Date 1 Feb 75; End Date 31 Dec 75

The goals of this project are to establish the extent of need and interest for career awareness, exploration, preparatory, and supplementary opportunities; develop a list of priorities for the career offerings in various school districts; and establish the optional delivery system(s) for career education. Career education needs for students, employment opportunities, program needs, student enrollment, physical needs, and financing will be determined.

SB001753 VTP-2146

Assessment of Employment Opportunities in Family and Community Services in Area XV.
Project Director: Morrissey, Bob
Organization: Indian Hills Community Coll., Ottumwa, Iowa.
Funding Period: Start Date 1 May 75; End Date 31 Dec 75

This project seeks to determine the availability of employment opportunities in Family and Community Services; develop lists of employers in these occupations, opportunities available, and educational specifications; and ascertain wages paid by employers in each of the occupations. As a result of the project, a research study will be published which compiles data accumulated through the study and which provides recommendations based on that data relative to the feasibility of program development in the service area.

Fiscal Year 1976

SB001754

Career Education Needs and Development Plan for Merged Area (Education) VII.
Project Director: Lippold, Donald L.
Organization: Hawkeye Inst. of Technology, Waterloo, Iowa.
Funding Period: Start Date 18 Sep 75; End Date 30 Jun 76
Contract and/or Control No.: 76-07-R-01-N

Objectives of this project include (1) establishing the need for career awareness, exploratory, preparatory, and supplemental opportunities in Merged Area VII; (2) inventorying the resources available and additional resources needed to serve Area VII; (3) developing lines of communication and working relationships among the educational institutions of the area; and (4) developing recommendations and alternatives that will meet the career education needs of the people of Area VII.

SB001755

Assessment of Employment Opportunities in Family and Community Services in Area XV.
Project Director: Morrissey, Bob
Organization: Indian Hills Community Coll., Ottumwa, Iowa.

This project seeks to determine the availability of employment opportunities in Family and Community Services; develop lists of employers in these occupations, opportunities available, and educational specifications; and ascertain wages paid by employers in each of the occupations. As a result of the project, a research study will be published which compiles data accumulated through the study and which provides recommendations based on that data relative to the feasibility of program development in the service area.

SB001756 VTP-2140

An Assessment of the Roles, Functions, and Needs for Personnel Development Coordination Within Area Schools and Area Education Agencies.
Project Director: Gelina, Robert
Organization: Iowa State Univ., Ames.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The objectives of this project are to determine roles, functions, and competencies necessary for a vocational personnel development coordination system; assess needs within area schools and agencies; and identify potential delivery systems. An evaluation file will be maintained; a competencies list will be developed; and a needs assessment instrument will be developed and implemented.

SB001757

Procedures for Teaching Skills for Living in Classes Where Mildly Handicapped Pupils are Integrated with Non-Handicapped Pupils.
Project Director: Kohlmann, Eleanore L.
Organization: Iowa State Univ. of Science and Technology, Ames.
Funding Period: Start Date 1 Jun 76; End Date 31 May 77
Contract and/or Control No.: I-44

Objectives of this project include encouraging teachers to work with students having limited physical or mental abilities and to view these students as worthy individuals, developing two or more procedures for instruction in daily living skills for students with varying mental and physical abilities in grades 8-9, and assessing the effectiveness of the developed instructional techniques for teachers dealing with mildly handicapped students along with others in the classroom.

SB001758 VTP-2506

Procedures for Teaching Skills for Living in Classes Where Mildly Handicapped Pupils are Integrated with Non-Handicapped Pupils.
Project Director: Kohlmann, Eleanore L.
Organization: Iowa State Univ. of Science and Technology, Ames.
Funding Period: Start Date 1 Jun 76; End Date 31 May 77

This is additional funding for this project whose objectives include encouraging teachers to work with students having limited physical or mental abilities and to view these students as worthy individuals, developing two or more procedures for instruction in daily living skills for students with varying mental and physical abilities in grades 8-9, and assessing the effectiveness of the developed instructional techniques for teachers dealing with mildly handicapped students along with others in the classroom.

SB001759

Assessing the Effect of Adult High School Completion Program on Graduate Placement.
Project Director: McClurg, Ronald B.
Organization: Des Moines Area Community Coll., Ankeny, Iowa.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: I-43

This project seeks to assess the effect of high school completion programs on placement. Project objectives include developing a data collection system; conducting a follow-up survey of graduates, employers, and schools to assess the impact of the high school completion program on job placement; and conducting an attitudinal assessment of program participants related to their perceived benefits from the completion program.

Fiscal Year 1977

SB001760 VTP-2505

Assessing the Effect of Adult High School Completion Programs on Graduate Placement.
Project Director: McClurg, Ronald B.
Organization: Des Moines Area Community Coll., Ankeny, Iowa.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 76-11-E-02-N

This project, in its second year, seeks to assess the effect of high school completion programs on placement. Project objectives include developing a data collection system; conducting a follow-up survey of graduates, employers, and schools to assess the impact of the high school completion program on job placement; and conducting an attitudinal assessment of program participants related to their perceived benefits from the completion program.

SB001761 VTP-2506

Procedures for Teaching Skills for Living in Classes Where Mildly Handicapped Pupils are Integrated with Non-Handicapped Pupils.
Project Director: Kohlmann, Eleanore L.
Organization: Iowa State Univ., Ames.
Funding Period: Start Date 1 Jun 76; End Date 31 May 77
Contract and/or Control No.: S-714

This is the second year of a project whose objectives include encouraging teachers to work with students having limited physical or mental activities and to view those students as worthy individuals having educational needs, developing two or more procedures for instruction in daily living skills for students with varying mental and physical abilities in grades 8-9, and assessing the effectiveness of the developed instructional techniques for teachers dealing with mildly handicapped students along with others in the classroom."

SB001762

Career Education Needs Information Systems (CENIS) Cycle III.
Project Director: Benton, Robert D.
Organization: Iowa State Dept. of Public Instruction, Des Moines.
Funding Period: Start Date 1 Jun 76; End Date 30 Jun 77

This project, the third phase of the Career Education Needs Information System (CENIS), seeks to continue the systematic collection and reporting of manpower related data pertaining to labor demand and supply and student interests and outcomes, update the interface of survey results from the four system components, and indicate trends in manpower related data as a guide toward planning and implementing education priorities.

SB001763

Implementation of an Employer Follow-Up Survey.
Project Director: Benton, Robert
Organization: Iowa State Dept. of Public Instruction, Des Moines.
Funding Period: Start Date 1 Aug 76; End Date 28 Feb 77

This project aims to obtain feedback from employers of former career education preparatory students relating to the strengths and weaknesses of the training programs as evidenced by the students' performance on the job and develop and test a pilot employer follow-up survey in selected geographical areas to determine survey methods and techniques with optimum efficiency and feasibility.

SB001764 **VTP-2837**

Development and Field Testing of a Model of Implementing Career Program Assessment.
Project Director: McClurg, Ronald B.
Organization: Des Moines Area Community Coll., Ankeny, Iowa.
Funding Period: Start Date 1 Mar 77; End Date 30 Sep 78

The purpose of the project is to develop and field test a model for implementing career program assessment. Specific objectives are to develop a model for systematic assessment of preparatory career education programs based on the "Program Assessment Procedures," implement and field test the model on no less than two secondary and twelve postsecondary programs, evaluate the model and field test results, and prepare a report and manual for other institutions to use in program assessment.

SB001765 **VTP-2915**

Iowa Distributive Education Three-Year Improvement Plan.
Project Director: Corbin, Steven
Organization: University of Northern Iowa, Cedar Falls, Iowa.
Funding Period: Start Date 16 May 77; End Date 30 Jun 80

The purpose of this three-year project is to assess the needs of teacher-coordinators through needs assessment, self-evaluation instruments and develop delivery system components to satisfy the determined inservice education needs. The findings, activities, and materials developed through this improvement plan will provide local distributive education teacher-coordinators with a means of improving the operation of distributive education programs.

SB001766

Hazardous Substances and Pesticide Survey and Training Programs.
Project Director: Pierce, David R.
Organization: North Iowa Area Community Coll., Mason City.
Contract and/or Control No.: 76-4300-01

This project intends to survey selected industries in Iowa to estimate the number of people involved with hazardous materials in their employment; ascertain their job responsibilities and qualifications; and obtain data on the hazardous waste stream, including waste material types and disposal methods. The project will prepare a course outline and develop instructional materials for seminars on pesticide handling and disposal of containers, present six seminars for vocational agriculture teachers, and conduct follow-up studies of seminar participants to determine the adequacy of the training.

SB001767

Statewide Student Questionnaire Project.
Project Director: Page, Donald
Organization: Kirkwood Community Coll., Cedar Rapids, Iowa.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 78
Contract and/or Control No.: I-50

This survey is aimed at determining the characteristics of students attending Iowa's area colleges to provide information about students to area college administrators. Procedures will include administering a questionnaire developed by student services directors to each student enrolling in credit programs and providing each college with a printout of pertinent data.

SB001768

Career Education Needs and Development Plan in Merged Area (Education) VII.
Project Director: Lippold, Donald L.
Organization: Hawkeye Inst. of Technology, Waterloo, Iowa.

This project seeks to (1) establish the need for career awareness, exploratory, preparatory, and supplemental opportunities in Merged Area VII; (2) determine resources available and additional resources needed; (3) develop lines of communication and working relationships among the education institutions; (4) develop recommendations and alternatives for providing learning opportunities; and (5) estimate the total cost, providing a breakdown of costs of each cooperating institution.

SB001769

An Assessment of the Roles, Functions, and Needs for Personnel Development Coordination Within Area Schools and Area Education Agencies.
Project Director: Gelina, Robert
Organization: Iowa State Univ., Ames.
Contract and/or Control No.: S-625

This is the second year of a project which seeks to determine roles, functions, and competencies necessary for a vocational personnel development coordination system; assess the need for personnel development coordination within area schools and agencies; and identify potential delivery systems. An evaluation file will be maintained; a competencies list will be developed; and a needs assessment instrument will be developed and implemented.

Part D

Fiscal Year 1970

SB001770

Models for Precareer Education in Iowa.
Project Director: Kahler, Alan A.
Organization: Iowa State Univ. of Science and Technology, Ames.
Funding Period: Start Date 1 Mar 71; End Date 28 Feb 74
Contract and/or Control No.: S-123

This three-year project seeks to (1) establish procedures and practices for conducting K-8 precareer education programs, (2) outline program models for precareer education programs in grades K-8 in schools of different sizes, (3) establish and conduct K-8 precareer education programs in nine selected schools, and (4) establish similar programs in other schools as a result of these exemplary programs.

SB001771

Adaptation and Implementation of a Computerized Vocational Information System (CVIS) in Area Ten of Iowa.
Organization: Joint County School System, Cedar Rapids, Iowa.
Funding Period: Start Date 1 Feb 71; End Date 31 Jan 74
Contract and/or Control No.: S-112

This three-year project seeks to initiate a method of providing information about careers, educational programs, and job opportunities by means of computer-controlled communications. This system is an adaptation of the CVIS system originated by Brookfield High School and the College of DuPage in Illinois.

Fiscal Year 1971

SB001772

Models for Precareer Education in Iowa.
Project Director: Kahler, Alan A.
Organization: Iowa State Univ. of Science and Technology, Ames.
Funding Period: Start Date 1 Mar 71; End Date 28 Feb 74
Contract and/or Control No.: S-123

This three-year project seeks to (1) establish procedures and practices for conducting K-8 precareer education programs, (2) outline program models for precareer education programs in grades K-8 in schools of different sizes, (3) establish and conduct K-8 precareer education programs in nine selected schools, and (4) establish similar programs in other schools as a result of these exemplary programs.

SB001773

Adaptation and Implementation of a Computerized Vocational Information System (CVIS) in Area Ten of Iowa.
Organization: Joint County School System, Cedar Rapids, Iowa.
Funding Period: Start Date 1 Feb 71; End Date 31 Jan 74
Contract and/or Control No.: S-112

This three-year project seeks to initiate a method of providing information about careers, educational programs, and job opportunities by means of computer-controlled communications. This system is an adaptation of the CVIS system originated by Brookfield High School and the College of DuPage in Illinois.

SB001774

IOWAscript.
Project Director: Bengtson, Leonard
Organization: Des Moines Area Community Coll., Ankeny, Iowa.
Funding Period: Start Date 1 Mar 71; End Date 1 Mar 74

This project seeks to develop and implement a system to prepare and disseminate occupational information that is current, relevant, and accessible to all students; demonstrate a process by which the career information needs of the majority of students can be met; and provide vital career selection resources to decision-making students.

SB001775

Total Pre-Career Education.
Project Director: Anderson, Elmer
Organization: Monticello Community School, Iowa.
Funding Period: Start Date 1 Mar 71; End Date 1 Mar 74
Contract and/or Control No.: S-121

This three-year project will design a course in career opportunities for seventh and eighth graders and integrate career instruction into all subject areas, revise the elementary school curriculum so that career opportunities available in the area and community are emphasized, and provide students in grades 9-11 expanded opportunities for career experience.

Fiscal Year 1972

SB001776

Models for Precareer Education in Iowa.
Project Director: Kahler, Alan A.
Organization: Iowa State Univ. of Science and Technology, Ames.
Funding Period: Start Date 1 Mar 71; End Date 28 Feb 74
Contract and/or Control No.: S-123

This three-year project seeks to (1) establish procedures and practices for conducting K-8 precareer education programs, (2) outline program models for precareer education programs in grades K-8 in schools of different sizes, (3) establish and conduct K-8 precareer education programs in nine selected schools, and (4) establish similar programs in other schools as a result of these exemplary programs.

SB001777

Adaptation and Implementation of a Computerized Vocational Information System (CVIS) in Area Ten of Iowa.
Organization: Joint County School System, Cedar Rapids, Iowa.
Funding Period: Start Date 1 Feb 71; End Date 31 Jan 74
Contract and/or Control No.: S-112

This three-year project seeks to initiate a method of providing information about careers, educational programs, and job opportunities by means of computer-controlled communications. This system is an adaptation of the CVIS system originated by Brookfield High School and the College of DuPage in Illinois.

SB001778

IOWAscript.
Project Director: Bengtson, Leonard
Organization: Des Moines Area Community Coll., Ankeny, Iowa.
Funding Period: Start Date 1 Mar 71; End Date 1 Mar 74

This project seeks to develop and implement a system to prepare and disseminate occupational information that is current, relevant, and accessible to all students; demonstrate a process by which the career information needs of the majority of students can be met; and provide vital career selection resources to decision-making students.

SB001779

Total Pre-Career Education.
Project Director: Anderson, Elmer
Organization: Monticello Community School, Iowa.
Funding Period: Start Date 1 Mar 71; End Date 1 Mar 74
Contract and/or Control No.: S-121

This is the second year of a project which will design a course in career opportunities for seventh and eighth graders and integrate career instruction into all subject areas, revise the elementary school curriculum so that career opportunities available in the area and community are emphasized, and provide students in grades 9-11 expanded opportunities for career experience.

Fiscal Year 1973

SB001780

IOWAscript.
Project Director: Bengtson, Leonard
Organization: Des Moines Area Community Coll., Ankeny, Iowa.
Funding Period: Start Date 1 Mar 71; End Date 1 Mar 74

This is the third year of a project which seeks to develop and implement a system to prepare and disseminate occupational information that is current, relevant, and accessible to all students; demonstrate a process by which the career information needs of the majority of the students can be met; and provide vital career selection resources to decison-making students.

SB001781

Total Pre-Career Education.
Project Director: Anderson, Elmer
Organization: Monticello Community School, Iowa.
Funding Period: Start Date 1 Mar 71; End Date 1 Mar 74

This is the third year of a project which will design a course in career opportunities for seventh and eighth graders and integrate career instruction into all subject areas, revise the elementary school curriculum so that career opportunities available in the area and community are emphasized, and provide students in grades 9-11 expanded opportunities for career experience.

SB001782

Models for Precareer Education in Iowa.
Project Director: Kahler, Alan A.
Organization: Iowa State Univ. of Science and Technology, Ames.
Funding Period: Start Date 1 Mar 71; End Date 28 Feb 74

This is the third year of a project which seeks to (1) establish procedures and practices for conducting K-8 precareer education programs, (2) outline program models for precareer education programs in grades K-8 in schools of different sizes, (3) establish and conduct K-8 precareer education programs in nine selected schools, and (4) establish similar programs in other schools as a result of these exemplary programs.

SB001783

Adaptation and Implementation of a Computerized Vocational Information System (CVIS) in Area Ten of Iowa.
Organization: Joint County School System, Cedar Rapids, Iowa.
Funding Period: Start Date 1 Feb 71; End Date 31 Jan 74

This is the continuation of a project which seeks to initiate a method of providing information about careers, educational programs, and job opportunities by means of computer- controlled communications. This system is an adaptation of the CVIS system originally developed by Brookfield High School and the College of DuPage in Illinois.

Fiscal Year 1974

SB001784

Advance Placement Nursing.
Project Director: Loomis, Kathy
Organization: Kirkwood Community Coll., Cedar Rapids, Iowa.
Funding Period: Start Date 1 Oct 73; End Date 30 Sep 75

The objectives of this project are to broaden opportunities for occupational training and career mobility in nursing for students who have acquired previous hospital work experience or related training and affect a greater utilization of institutional manpower and materials by a greater number of students while maintaining the current number of course offerings and class sizes. The program will institute concepts of core curriculum, individualized learning and guidance, multiple course entry and exit, and credit for acquired competencies.

SB001785

Interdisciplinary Curricular Planning for Career Development at Secondary Level.
Organization: Iowa State Univ., Ames.
Funding Period: Start Date 1 May 74; End Date 31 Aug 74

The purpose of this project is to plan and conduct local workshops to establish procedures for coordinating instructional activities for secondary students with an inter-grade level, interdisciplinary approach and review and revise elementary materials. Procedures include identifying and revising career education materials and evaluating previously developed career education activities.

SB001786

Models for Secondary Career Education in Iowa.
Project Director: Kahler, Alan A.
Organization: Iowa State Univ. of Science and Technology, Ames.
Funding Period: Start Date 17 Feb 72; End Date 30 Jun 75

This is the continuation of a project which seeks to establish and demonstrate procedures for conducting secondary career education programs in Iowa. Specifically, the project will (1) establish procedures and practices for conducting programs that will implement the preparation phase of the model presented, (2) outline and describe program models for implementation, (3) establish and conduct exemplary programs in six schools selected for the "Models for Precareer Education in Iowa" project, and (4) establish similar programs.

SB001787

Staff Development and Implementation of Career Curriculum Project, Phase II.
Organization: Iowa Central Community Coll., Fort Dodge.

Phase II of this project will emphasize staff development and career education implementation in grades 4-6. Workshops will be conducted for representatives and coordinators in all project schools who will relay information to the other staff members. Activity and resource guides will be made available to each instructor, and implementation seminars will be held in each building. Classroom visitations, upgrading and revision of materials, and supervisory and supportive help will be provided.

SB001788

Total Pre-Career Education.
Project Director: Anderson, Elmer
Organization: Monticello Community School, Iowa.
Funding Period: Start Date 1 Mar 71; End Date 1 Mar 74

This is the third year of a project which will design a course in career opportunities for seventh and eighth graders and integrate career instruction into all subject areas, revise the elementary school curriculum so that career opportunities available in the area and community are emphasized, and provide students in grades 9-11 expanded opportunities for career experience.

SB001789

Total Pre-Career Education K-12.
Project Director: Anderson, Elmer
Organization: Monticello Community School, Iowa.
Funding Period: Start Date 1 Mar 71; End Date 1 Mar 74

This is the continuation of a project which will design a course in career opportunities for seventh and eighth graders and integrate career instruction into all subject areas, revise the elementary school curriculum so that career opportunities available in the area and community are emphasized, and provide students in grades 9-11 expanded opportunities for career experience.

SB001790

IOWAscript.
Project Director: Bengtson, Leonard
Organization: Des Moines Area Community Coll., Ankeny, Iowa.
Funding Period: Start Date 1 Mar 71; End Date 1 Mar 74

This is a continuation of a project which seeks to develop and implement a system to prepare and disseminate occupational information that is current, relevant, and accessible to all students; demonstrate a process by which the career information needs of the majority of the students can be met; and provide vital career selection resources to decison-making students.

SB001791

Adaptation and Implementation of a Computerized Vocational Information System (CVIS) in Area Ten of Iowa.
Organization: Joint County School System, Cedar Rapids, Iowa.
Funding Period: Start Date 1 Feb 71; End Date 31 Jan 74

This is the continuation of a project which seeks to initiate a method of providing information about careers, educational programs, and job opportunities by means of computer- controlled communications. This system is an adaptation of the CVIS system originally developed by Brookfield High School and the College of DuPage in Illinois.

Fiscal Year 1975

SB001792

Models for Secondary Career Education in Iowa. Phase III.
Project Director: Kahler, Alan A.
Organization: Iowa State Univ., Ames.
Funding Period: Start Date 17 Feb 72; End Date 30 Jun 75
Contract and/or Control No.: I-04

This is the continuation of a project which seeks to establish and demonstrate procedures for conducting secondary career education programs in Iowa. Specifically, the project will (1) establish procedures and practices for conducting programs that will implement the preparation phase of the model presented, (2) outline and describe program models for implementation, (3) establish and conduct exemplary programs in six schools selected for the "Models for Precareer Education in Iowa" project, and (4) establish similar programs.

SB001793

Models for Secondary Career Education in Iowa. Phase II.
Project Director: Kahler, Alan A.
Organization: Iowa State Univ., Ames.
Funding Period: Start Date 17 Feb 72; End Date 30 Jun 75
Contract and/or Control No.: I-04

This is the continuation of a project which seeks to establish and demonstrate procedures for conducting secondary career education programs in Iowa. Specifically, the project will (1) establish procedures and practices for conducting programs that will implement the preparation phase of the model presented, (2) outline and describe program models for implementation, (3) establish and conduct exemplary programs in six schools selected for the "Models for Precareer Education in Iowa" project, and (4) establish similar programs.

SB001794

Advance Placement Nursing.
Project Director: Loomis, Kathy
Organization: Kirkwood Community Coll., Cedar Rapids, Iowa.
Funding Period: Start Date 1 Oct 73; End Date 30 Sep 75

The objectives of this project are to broaden opportunities for occupational training and career mobility in nursing for students who have acquired previous hospital work experience or related training and effect a greater utilization of institutional manpower and materials by a greater number of students while maintaining the current number of course offerings and class sizes. The program will institute concepts of core curriculum, individualized learning and guidance, multiple course entry and exit, and credit for acquired competencies.

SB001795

Staff Development and Implementation of Career Curriculum Project, Phase III.
Organization: Iowa Central Community Coll., Fort Dodge.

Phase III of this project will emphasize staff development and career education implementation in grades 7-8. The project will enable students to (1) explore specific occupations in at least ten clusters; (2) clarify self-concepts; (3) pursue individual occupational orientation in thirty occupational selections, observe ten occupational areas, and select one for limited personal involvement; and (4) participate in a career planning progression which will provide initial responsibility for decision making.

SB001796

Instructional Materials Development and Articulation in Career Education.
Project Director: Kahler, Alan A.
Organization: Iowa State Univ., Ames.
Funding Period: Start Date 1 Mar 73; End Date 15 Aug 73
Contract and/or Control No.: I-20

This project intends to plan and conduct local workshops to complete the planning and implementation of career development in the nine schools in the Iowa Career Education Project. Objectives include (1) sharing approaches and techniques for career education implementation, (2) building career education objectives into current course content, (3) generating career development curriculum guidelines and instructional materials, and (4) establishing procedures for coordinating instructional activities in career education.

Fiscal Year 1976

SB001797 VTP-2197

Identifying and Upgrading Training Needs and Developing Training Courses for Water and Wastewater Treatment Operators in the State of Iowa.
Project Director: Willis, Larry F.
Organization: Kirkwood Community Coll., Cedar Rapids, Iowa.
Funding Period: Start Date 1 Aug 75; End Date 30 Jun 76

This project seeks to develop and field test ten upgrading courses for training water and waste treatment operators in Iowa. Four of these courses will be put into module form. Subject matter for the courses will include operator mathematics, plant electricity and power controls, laboratory procedures chlorination, plant management, and safety for water and waste plants. A needs assessment tool will be developed to determine curriculum requirements, and a task analysis survey will be conducted to identify necessary competencies.

SB001798 VTP-2359

Exemplary Model for Identifying Career Opportunities for High School Graduates.
Project Director: Willis, Larry
Organization: Kirkwood Community Coll., Cedar Rapids, Iowa.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The project is designed to implement an exemplary model of a guidance oriented assessment program utilizing the American College Testing-Career Planning Program for 3,100 Eleventh grade students and 150 adults in Area Ten. Kirkwood Community College in cooperation with the Grant Wood Area Education Agency will contract with the American College Testing Program to arrange for its Career Planning Program to be administered to Area Ten high school students and adults as part of the college's career guidance and counseling center.

SB001799

A Career Education Articulation Model, K-14.
Project Director: Larson, Carl
Organization: Iowa Central Community Coll., Fort Dodge.
Funding Period: Start Date 1 Apr 76; End Date 30 Sep 78

This project seeks to design and implement an articulation model for use by schools (K-14). Project objectives include developing an articulation inventory system to determine the impact of the concepts of career education on the student in the basic stages of career education, designing a guidance follow-up activity process that will determine guidance services essential for students in career decision making, and designing an articulation monitoring process system whereby each local system can implement the model.

Fiscal Year 1977

SB001800 VTP-2460

A Career Education Articulation Model, K-14.
Project Director: Larson, Carl
Organization: Iowa Central Community Coll., Fort Dodge.
Funding Period: Start Date 1 Apr 76; End Date 30 Sep 78

This is the second year of a project which seeks to design and implement an articulation model for use by schools (K-14). Project objectives include developing an articulation inventory system to determine the impact of career education concepts on students in the basic stages of career education and designing a guidance follow-up activity process that will determine guidance supportive services essential for students in career decision making.

SB001801 VTP-2836

Analyze the Potential and Demonstrate Components of an Experience Based Career Education (EBCE) Model in Meeting the Career Education Needs of Mildly Mentally Disabled Adolescents in Secondary Schools.
Project Director: Larson, Carl
Organization: Iowa Central Community Coll., Fort Dodge.
Funding Period: Start Date 1 Mar 77; End Date 30 Aug 78
Contract and/or Control No.: 77-05-E-09-N

This project seeks to analyze the potential and demonstrate the components of the EBCE model developed at the Appalachia Educational Laboratory (AEL) for mentally disabled (MD) adolescents. Specific objectives include (1) establishing a community base of operation and administrative procedures, (2) providing necessary resources for rewriting EBCE-AEL component parts, (3) developing experience sites, (4) conducting necessary inservice for school personnel, and (5) implementing EBCE-MD programs for thirty students.

SB001802 VTP-2914

Field Testing Curriculum and Program Restructuring Guidelines for Agriculture and Agribusiness Education in Iowa.
Project Director: Kahler, Alan A.
Organization: Iowa State Univ. of Science and Technology, Ames.
Funding Period: Start Date 1 Apr 77; End Date 30 Sep 78
Contract and/or Control No.: S-917

This project seeks to test and improve curricula in agriculture and agribusiness education programs in Iowa. Objectives are to test curriculum guidelines and procedures for program restructuring in selected elementary, secondary, and postsecondary schools in Iowa; assess the effectiveness of those guidelines and procedures for integrating instruction in agriculture and agribusiness in selected schools; and make appropriate revisions in the curriculum guidelines and procedures for program restructuring.

KANSAS

Part C

Fiscal Year 1971

SB001803 VTP-532

Vocational Education and Manpower Utilization Project.
Project Director: Scott, Robert
Organization: Kansas State Univ., Manhattan.
Funding Period: Start Date 15 May 71; End Date 15 May 73

The objective of this project is to develop and initiate an occupation training information system to provide a data base for encouraging necessary changes in the state plan for vocational education. To obtain reliable information, information will be assembled and analyzed; recommendations will be made to the decision makers. Data collection will be through a questionnaire and a structured personal interview form administered by qualified field workers.

Fiscal Year 1972

SB001804

A Computerized State-Wide Follow-Up System Which Utilizes Sampling as a Data Collection and Projection Technique. Dissemination Phase.
Project Director: Hoffman, Kenneth E.
Organization: Kansas State Teachers Coll., Emporia.
Funding Period: Start Date 1 Oct 72; End Date 31 Dec 73

Through regional training sessions, the final phase of this project will orient vocational and technical personnel to the value and use of the system developed and tried in Phases I and II. The project will also evaluate the accuracy and completeness with which local and state personnel effected their parts of the system and evaluate the training and orientation process.

SB001805

Participation in a Ten-State Consortium for Competency Material Development in Distributive Education.
Organization: Wisconsin State Dept. of Public Instruction, Madison.
Funding Period: Start Date 1 May 72; End Date 30 Dec 73

The consortium will develop competency packets for assessing 900 identified competencies in secondary, postsecondary, and adult distributive education programs. Each state will develop a packet to include behavioral objectives, related competencies, and concepts derived from approximately 100 identified competency areas; pretests and evaluation instruments for determining student performance; and learning activities for achieving the objectives.

SB001806

Computerized Student Accounting System for Vocational Students.
Organization: Kansas State Univ., Manhattan.

This project will implement the vocational student accounting system developed by the Division of Vocational Education of the Department of Education and the Department of Adult and Occupational Education of Kansas State University. The system will provide a computerized follow-up of students who completed vocational programs in the previous year. When the data bank is developed, follow-ups will take place in one, three, and five years.

SB001807

Providing Specific Research and Planning Services Relating to Vocational Education Activities.
Organization: Kansas State Dept. of Education, Topeka.

Funding for this cooperative project will enable a Kansas State University vocational researcher to work with the Planning, Research, and Evaluation Section of the Kansas State Department of Education. Objectives include developing computer applications to produce basic vocational education reimbursement data, developing a plan and rationale for establishing a state Vocational Research Coordinating Unit, and developing research data and planning research projects.

SB001808

K-12 Guide for Integrating Career Development into Local Curriculum.
Project Director: Nelson, Richard E.
Organization: Kansas State Dept. of Education, Topeka. Guidance and Pupil Personnel Services Section.
Funding Period: Start Date 1 Mar 72; End Date 30 Jun 73

This project will provide a guide for local school districts to adapt to their individual needs. Procedures will include appointing a committee from the Advisory Council for Guidance and Pupil Personnel Services, developing an inservice plan for assisting committee members to acquaint themselves with state and local career development programs, and conducting a two and one-half day workshop to begin guide development.

SB001809

A Planning Grant to Prepare for Cooperative Vocational Programs in Northwest Kansas.
Project Director: Stallard, Bryce
Organization: Hill City Unified School District 281, Kans.
Funding Period: Start Date 1 Jun 71; End Date 30 Jun 72

This project will provide the necessary studies and surveys to precede a cooperative vocational program. Objectives include providing a broad comprehensive curriculum, identifying needs of students and possible employment opportunities in northwest Kansas, and creating uniform prevocational courses among schools of the cooperative. Procedures will include promoting programs based on needs of the community and students served.

SB001810

Conceptual Base Curriculum of Industrial Education for Secondary Schools.
Project Director: Ebert, Smiley
Organization: Wichita Public Schools, Kans.
Funding Period: Start Date 4 Feb 72; End Date 30 Jun 74

This three-year project seeks to develop a citizenry informed about the functions of industry and the sociological implications of industrialization, provide exploratory experiences where students might apply industrial principles to problem-solving situations, and provide occupational information. Procedures will include identifying teaching materials, guides, and learning activities to be pilot tested and designing an evaluation system.

SB001811

A Proposal for an Area Vocational-Technical School Capital Outlay Survey Project.
Project Director: Brooks, Dale

Organization: Central Kansas Area Vocational Technical School, Newton. Administrative Center.
Funding Period: Start Date 1 Nov 72; End Date 30 Dec 72

This project will conduct a facilities survey of the fourteen area vocational and technical schools to determine actual space being used, the condition of the facilities, and the efficiency of the usage and develop a long-range plan to include the facilities needed to serve training needs so that students may move from training into available employment.

Fiscal Year 1973

SB001812

A Study of Kansas Printing Plant Operations.
Project Director: Scott, Robert
Organization: Kansas State Univ., Manhattan. Dept. of Adult and Occupational Education.
Funding Period: Start Date 1 Jan 73; End Date 1 Jun 73

This project aims to determine present methods of operation in printing plants in Kansas, provide information for developing training programs in vocational education for printing trade, and establish curriculum need for programs.

SB001813

A Proposal for Research Study to Identify and Validate Lists of Teacher Competencies for IACP - World of Manufacturing - World of Construction and Visual Communications - Power and Energy - Materials and Processes.
Project Director: Bass, Ronald
Organization: Wichita State Univ., Kans. Dept. of Industrial Education.
Funding Period: Start Date 1 Jan 73; End Date 31 Aug 73

This project will conduct a survey to identify teacher behaviors necessary to successfully teach innovative industrial education courses and establish committees of teacher trainers, curriculum project teachers, and certifying officers to validate and revise these behaviors. Specific areas for identification of competencies will be I.A.C.P. World of Construction, I.A.C.P. World of Manufacturing, Visual Communications, Power and Energy, and Materials and Processes.

SB001814

Conceptual Base for Industrial Education.
Project Director: Ebert, C. Smiley
Organization: Wichita Public Schools, Kans.
Funding Period: Start Date 4 Feb 72; End Date 30 Jun 74

This project seeks to develop an informed citizenry in a highly industrialized society, provide an environment in which students may apply industrial principles to problem-solving situations, and provide occupational information concerning the world of work. Specific objectives include considering the interrelatedness of the underlying principles of the functions of industry and providing exploratory experiences in the correct and safe use of materials, tools, machines, and processes of industry.

SB001815

Inter-State Distributive Education Curriculum Consortium.
Organization: Kansas State Teachers Coll., Emporia.
Funding Period: Start Date 1 May 72; End Date 31 Dec 73

The consortium for curriculum improvement will study 100 identified competency areas. The objectives are to (1) develop behavioral objectives, related competencies, and concepts; (2) develop pretests to determine the level of student performance; (3) design learning activities to enable the student to achieve the behavioral objectives; and (4) develop evaluation instruments to determine the level of student performance in achieving the behavioral objectives.

SB001816

Manpower Needs Projections for Kansas Agricultural Workers 1974-1985.
Project Director: Scott, Robert
Organization: Kansas State Univ., Manhattan. Dept. of Adult and Occupational Education.
Funding Period: Start Date 15 Jun 73; End Date 15 Dec 73

The goals of the project are to determine manpower needs for on-the-farm agricultural workers, manpower needs for off-farm agriculture, and future educational requirements for agricultural workers.

SB001817

Curriculum Materials for Agribusiness and Natural Resources.
Project Director: Field, Ralph
Organization: Kansas State Univ., Manhattan. Dept. of Adult and Occupational Education.
Funding Period: Start Date 20 Feb 73; End Date 30 Jun 73

This project seeks to determine the needs of vocational agriculture teachers for teaching materials in agribusiness. Project staff intend to provide teaching materials to vocational teachers at inservice education workshops.

SB001818

Computerized Program Approval System.
Project Director: Scott, Robert
Organization: Kansas State Univ., Manhattan. Dept. of Adult and Occupational Education.
Funding Period: Start Date 16 Feb 73; End Date 30 Jun 73

The objective of this project is to automate the program application evaluation system used by the Division of Vocational Education of the Kansas State Department of Education. Efficiency will be improved by decreasing the time requirements for evaluating program applications and improving the accuracy of calculations.

SB001819

A Computerized State-Wide Follow-Up System Which Utilizes Sampling as a Data Collection and Projection Technique.
Project Director: Hoffman, Kenneth
Organization: Kansas State Teachers Coll., Emporia.
Funding Period: Start Date 1 Oct 72; End Date 31 Dec 73

The objectives of this project are to (1) develop a plan to train local vocational administrators, personnel officers, and teachers to use the computerized follow-up system; (2) complete seminars and training sessions necessary for orientation; (3) evaluate the accuracy and completeness with which local and state personnel are able to carry out their parts of the system; and (4) evaluate the training and orientation process.

SB001820

Developing Computer System for Distribution of Vocational Education Funds (KSU).
Organization: Kansas State Univ., Manhattan.

Descriptive information unavailable.

Fiscal Year 1974

SB001821

Conceptual Base for Industrial Education.
Project Director: Runft, L. Howard
Organization: Wichita Area Vocational-Technical School, Kans.
Funding Period: Start Date 7 Jun 74; End Date 14 Jun 74

Funding will make possible curriculum guide revisions in the visual communications and power and energy courses of the Conceptual Base for Industrial Education Project. The guides will be rewritten and reorganized.

SB001822

A Conference to Prepare Resource Units for Production Agriculture Identified Core Curriculum.
Project Director: Field, Ralph
Organization: Kansas State Univ., Manhattan. Dept. of Adult and Occupational Education.
Funding Period: Start Date 15 May 74; End Date 30 Jun 74

Objectives for this conference will be to select a format for the resource units; prepare and edit resource units for identified areas in production agriculture; and reproduce, assemble, and distribute the prepared resource units.

SB001823

R and D Comprehensive Vocational Planning and Management.
Organization: Erie Unified School District 101, Kans.

Descriptive information unavailable.

SB001824 VTP-1372

A Comparative Study of the Job Duties of the Distributive Education Students in Kansas Between the 1969-70 School Year and the 1973-74 School Year.
Project Director: Schaeffer, Harold W.
Organization: Kansas State Teachers Coll., Emporia.
Funding Period: Start Date 1 Mar 74; End Date 15 Aug 74

The objectives of this project are to analyze the training memorandums of both secondary and postsecondary distributive education students with respect to the type of firm worked for; analyze the student's occupation, wages, and job duties; determine significant and nonsignificant job duties to show trends in employment and duties performed; and serve as an aid in correlating significant training station job duties to related classroom instruction.

SB001825 VTP-1373

An Assessment of Industrial Education Teacher Preparation and Performance.
Project Director: Holzrichter, Richard
Organization: Kansas City Unified School District 500, Kans.
Funding Period: Start Date 1 May 74; End Date 31 May 75

The purpose of this project is to determine the current cognitive, affective, and psychomotor level of the industrial education teacher; the need for inservice training and areas of preparation that need strengthening; the degree to which the model is being applied and the attitude toward it; and if student performance is related to teacher preparation. A survey will be mailed to all industrial education teachers, and the E.T.S. test of cognition will be administered to about thirty teachers. Related tests will be administered to randomly selected students.

SB001826 VTP-1374

A Conference to Prepare Resource Units for Production Agriculture Identified Core Curriculum.
Project Director: Field, Ralph G.
Organization: Kansas State Univ., Manhattan. Coll. of Education.
Funding Period: Start Date 15 May 74; End Date 30 Jun 74

The goals of this project are to select a format for resource units for production agriculture and prepare, edit, reproduce, assemble, and distribute the resource units to twenty instructors and two consultants. Instructors of agricultural education will be identified and invited to participate in the conference to produce the units. A formal evaluation of the units will be completed upon pilot testing of materials by instructors of agricultural education.

SB001827

Developing Manpower System and Management Information System for Vocational Education in Kansas.
Project Director: Harris, James
Organization: Kansas State Univ., Manhattan. Dept. of Adult and Occupational Education.
Funding Period: Start Date 1 Sep 73; End Date 1 Sep 74

Objectives for this project include (1) developing a system to supply current, relevant data for managing and directing vocational education in Kansas; (2) developing a computerized student accounting system; (3) developing a program for computerized formulation of vocational funds; (4) developing a vocational program evaluation system; and (5) developing a system for expending funds for disadvantaged and handicapped vocational programs.

SB001828

Identifying Needs of Kansas Home Economics Teachers with Implication for Pre-Service and/or In-Service Programs.
Project Director: Terrass, Joyce
Organization: Kansas State Univ., Manhattan. Dept. of Adult and Occupational Education.
Funding Period: Start Date 1 Nov 73; End Date 31 Jan 74

Using the Delphi technique, this project will identify the needs and concerns of Kansas vocational and nonvocational home economics teachers. After analyzing the data, staff will make recommendations for preservice or inservice programs.

SB001829

Inservice Workshop for Teachers of Adult Vocational School Food Service Classes.
Organization: Kaw Area Vocational-Technical School, Kans.

Descriptive information unavailable.

SB001830

Conceptual Base for Industrial Education.
Project Director: Ebert, C. Smiley
Organization: Wichita Unified School District 259, Kans.
Funding Period: Start Date 4 Feb 72; End Date 30 Jun 74

This three-year project seeks to develop a citizenry informed about the functions of industry and the sociological implications of industrialization, provide exploratory experiences where students might apply industrial principles to problem-solving situations, and provide occupational information. Procedures will include identifying teaching materials, guides, and learning activities to be pilot tested and designing an evaluation system. Phase II will include program and curriculum development.

SB001831

Development and Field Testing TRAINING MEMORANDUMS - Distributive Education.
Project Director: Schrader, Larry
Organization: Wichita Area Vocational-Technical School, Kans.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

In this project, a limited quantity of modified training memorandums and student assignment sheets will be printed for extensive field testing, after which project staff will re-evaluate, reorganize, and modify them. The approved training memorandums and student assignment sheets will then be printed for state-wide distribution and utilization.

SB001832

A Study of IACP Teacher Competencies.
Project Director: Webb, Edgar
Organization: Wichita State Univ., Kans.
Funding Period: Start Date 1 Jul 73; End Date 1 Sep 74

This project seeks to identify subject matter competencies for successful teaching of innovative industrial education courses. A committee composed of teacher trainers, curriculum project teachers, and Kansas certifying officers will validate and revise these behaviors.

SB001833

A Study of Kansas Printing Plant Operations.
Organization: Kansas State Univ., Manhattan.

Descriptive information unavailable.

SB001834

Conceptual Base Curriculum of Industrial Education for Secondary Schools.
Project Director: Ebert, C. Smiley
Organization: Wichita Unified School District 259, Kans.
Funding Period: Start Date 4 Feb 72; End Date 30 Jun 74

This three-year project seeks to develop a citizenry informed about the functions of industry and the sociological implications of industrialization, provide exploratory experiences where students might apply industrial principles to problem-solving situations, and provide occupational information. Procedures will include identifying teaching materials, guides, and learning activities to be pilot tested and designing an evaluation system.

SB001835

Computerizing Vocational Program Approval.
Organization: Kansas State Univ., Manhattan.

Descriptive information unavailable.

SB001836

Status of Post-Secondary and Vocational-Technical Education.
Organization: Kansas State Teachers Coll., Emporia.

Descriptive information unavailable.

SB001837

A Study of IACP Teacher Competencies.
Project Director: Webb, Edgar
Organization: Wichita State Univ., Kans.
Funding Period: Start Date 1 Jul 73; End Date 1 Sep 74

This project seeks to identify subject matter competencies for successful teaching of innovative industrial education courses. A committee composed of teacher trainers, curriculum project teachers, and Kansas certifying officers will validate and revise these behaviors.

Fiscal Year 1975

SB001838

A Descriptive Study of the Industrial Response to Questions Regarding the Need for Vocational Plastic Education in Kansas.
Project Director: Graham, George
Organization: Kansas State Coll. of Pittsburg.
Funding Period: Start Date 1 Oct 74; End Date 1 May 75

This project seeks to determine the need for vocational plastic education in Kansas, specifically for students and graduates of the Vocational Area Technical School at Wichita. This will enable the school to plan for future demands and placements for the graduates and show the demand for specific training in established areas and areas which need further expansion.

SB001839

Regional Planning for Vocational and Career Education.
Project Director: Han, W. J.
Organization: Erie Unified School District 101, Kans.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to develop a regional planning and information service for schools in nine southeast Kansas counties to assist them to plan, develop, and implement vocational and career education; maintain within the Kansas State Department of Education an operational component to perform necessary research, data collection, and information functions; and place a vocational information specialist in two regions.

SB001840

Kansas Manpower Utilization and System Training (K-MUST).
Project Director: Harris, James
Organization: Kansas State Univ., Manhattan.
Funding Period: Start Date 1 Sep 74; End Date 1 Jul 75

Funding will provide a half-time consultant to the State Department of Education to teach inservice research classes relative to the development and management of mini-grants and advise on the development of the K-MUST Annual Report.

SB001841

Adjusting the Readability Level of the Dictionary of Occupational Titles.
Project Director: Studyvin, William
Organization: Shawnee Mission Unified School District 512, Kans.
Funding Period: Start Date 1 Jun 75; End Date 1 Sep 75

This project seeks to lower the readability level of the Dictionary of Occupational Titles to the grade desired. A computerized readability analysis will be available through Kansas Vocational Information for Education and Work (K-VIEW), which will rewrite the explanations in shorter, more usable form and rewrite the explanations of the qualification profiles. Reading specialists will rewrite the worker trait group explanations and develop a basic vocabulary.

SB001842

Conceptual Base Curriculum of Industrial Education for Secondary Schools.
Project Director: Ebert, C. Smiley
Organization: Wichita Unified School District 259, Kans.

This three-year project seeks to develop a citizenry informed about the functions of industry and the sociological implications of industrialization, provide exploratory experiences where students might apply industrial principles to problem-solving situations, and provide occupational information. Procedures will include identifying teaching materials, guides, and learning activities to be pilot tested and designing an evaluation system.

SB001843

Adjusting the Readability Level of the Dictionary of Occupational Titles.
Project Director: Studyvin, William
Organization: Shawnee Mission Unified School District 512, Kans.
Funding Period: Start Date 1 Jun 75; End Date 1 Sep 75

This project seeks to lower the readability level of the Dictionary of Occupational Titles to the grade desired. A computerized readability analysis will be available through Kansas Vocational Information for Education and Work (K-VIEW), which will rewrite the explanations in shorter, more usable form and rewrite the explanations of the qualification profiles. Reading specialists will rewrite the worker trait group explanations and develop a basic vocabulary.

SB001844

Pilot Project to Determine the Educational Needs of Industries in Southeast Kansas.
Project Director: Graham, George
Organization: Kansas State Coll. of Pittsburg.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

This project seeks to determine the need for educational services by industrial enterprises in southeast Kansas. Project staff will ask industries what specific needs thay have for assistance in formal course work, in-plant training, extension classes, consulting or expertise from the faculty of Kansas State College of Pittsburg, and consulting or expertise from industry. Staff will coordinate the educational needs of industries with the educational institutions, faculties, and available expertise.

SB001845

Regional Planning for Vocational and Career Education.
Project Director: Han, W. J.
Organization: Erie Unified School District 101, Kans.

The objectives of this continuing project are to develop a regional information service for schools in nine southeast Kansas counties to assist them to plan, develop, and implement vocational and career education; maintain within the Kansas State Department of Education an operational component to perform necessary research, data, collection, and information functions; and place a vocational information specialist in two regions.

SB001846

Regional Planning for Vocational and Career Education.
Project Director: Han, W. J.
Organization: Erie Unified School District 101, Kans.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The objectives of this continuing project are to develop a regional information service for schools in nine southeast Kansas counties to assist them to plan, develop, and implement vocational and career education; maintain within the Kansas State Department of Education an operational component to perform necessary research, data, collection, and information functions; and place a vocational information specialist in two regions.

Fiscal Year 1976

SB001847

D.O.T. Based - Careers Analysis for Teacher/Student Use.
Project Director: Studyvin, William E.
Organization: Shawnee Mission Public Schools, Kans.
Funding Period: Start Date 1 Oct 75; End Date 30 Jun 76

This project will develop a Career Analysis Guide with a career profile guide of occupational information researched and compiled for each cluster area. Objectives include providing career information for teachers to use in various disciplines, providing career infor-

mation in usable form for students, and implementing a process to encourage students to greater indepth exploration.

SB001848

Vocational Needs Survey of the Nine Counties in Southeast Kansas.
Project Director: Scott, Duane
Organization: Kansas State Coll. of Pittsburg.
Funding Period: Start Date 1 Oct 75; End Date 30 Jun 76

The purpose of this project is to develop a valid vocational needs survey of the nine counties in southeast Kansas. The major areas for investigation are vocational level manpower supply and demand, students' abilities and interests, and program implementation factors. Procedures include adapting or designing data collection instruments, collecting and synthesizing data, and preparing and distributing a final report.

SB001849

Development of Materials for Teacher Education.
Project Director: Hoffman, Kenneth E.
Organization: Emporia Kansas State Coll.
Funding Period: Start Date 1 Jan 76; End Date 31 Dec 76

The purpose of this project is to develop a series of program aids, instructional materials, and services which will improve the teacher education for business occupations personnel in Kansas. These will include a slide presentation for recruiting business occupations teachers, an instructional materials bank, a write-in contest in the Junior Collegiate DECA constituent section, and a pattern for offering inservice workshops.

SB001850

Alternate Clinical Education Opportunities for Students in Health Occupations in Rural Areas of Kansas.
Organization: Salina Area Vocational Technical School, Kans.
Funding Period: Start Date 1 Feb 76; End Date 30 Jun 76

This project aims to determine alternative clinical facilities available for student learning and develop a system for using the facilities in a comprehensive, functional, integrated student clinical learning experience for each selected health occupations program. Procedures include compiling data from personal visits to the agencies and processing the data into a student clincial learning system.

SB001851

Research Needs and Alternatives for Implementing the Home Economics Guidelines.
Project Director: Ellis, Suzanne
Organization: Dodge City Area Vocational Technical School, Kans.
Funding Period: Start Date 1 Feb 76; End Date 30 Sep 76

This project intends to effect an organized identification of program needs and alternative solutions to provide state-wide direction in the effort to have home economics programs comply with state program requirements. Procedures include evaluating each home economics program and preparing master listings of priority needs and solutions.

SB001852

Developing Selection Criteria for Vocational Program Enrollees.
Project Director: Borhani, Rahim
Organization: Manhattan Area Vocational-Technical School, Kans.
Funding Period: Start Date 1 Dec 75; End Date 1 Mar 76

Objectives of this project are to discover previously developed student selection processes for vocational programs, develop the process and system for structuring and validating entrance test criteria for three selected vocational program areas in Kansas, and research and develop methods and procedures for implementing the selection system.

SB001853

Evaluation of the CCVEP Program Method of Training.
Project Director: Hoffman, Kenneth
Organization: Emporia Kansas State Coll.
Funding Period: Start Date 1 Feb 76; End Date 31 Jan 77

This project will collect subjective student, teacher, parent, administrative, and community leader opinions concerning the value of the combination cooperative method of training as it has been operated in Kansas and the extent to which it has met its goals. Opinions will be obtained through letters, questionnaires, interviews, and by telephone.

SB001854

Pilot Project to Determine the Educational Needs of Industries in Southeast Kansas.
Project Director: Graham, George W.
Organization: Kansas State Coll. of Pittsburg.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

Funding will provide additional personnel for a project to determine the need for educational services by industrial enterprises in southeast Kansas. Project staff will ask industries what specific needs thay have for assistance in formal course work, in-plant training, extension classes, consulting or expertise from the faculty of Kansas State College of Pittsburg, and consulting or expertise from industry. Staff will coordinate the educational needs of industries with the educational institutions, faculties, and available expertise.

Fiscal Year 1977

SB001855 **VTP-2697**

Development of a Guide for Post Secondary Distributive Education in Kansas.
Project Director: Hoffman, Kenneth
Organization: Emporia Kansas State Coll.
Funding Period: Start Date 1 Jan 76; End Date 30 Jun 77

The purpose of this project is to develop a planning guide for postsecondary distributive education for Kansas. Procedures will include determining the goals, aims, and objectives of postsecondary training programs; identifying procedures and techniques for installing the curriculum; listing procedures, materials, and activities deemed necessary to meet the identified occupational goals; and visiting selected postsecondary institutions in other states.

SB001856 **VTP-2696**

DECO (Desarrollos En Carreras y Oficios).
Project Director: Rocha, M. Christina
Organization: Southwest Kansas Area Vocational-Technical School, Dodge City.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The goal of the DECO Project is to inform Mexican-American people who cannot speak or understand English of job opportunities and vocational training programs in Kansas. Persons in the Garden City, Dodge City, Goodland, and Wichita regions will receive information in Spanish concerning occupations and institutional training programs in those regions.

SB001857 **VTP-2709**

Validation of Computerized Record System.
Project Director: Harris, Thomas O.
Organization: Kansas State Coll. of Pittsburg.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will attempt to validate the information contained in the record system of the Department of Vocational-Technical Education of Kansas State College of Pittsburg. Funding will provide the secretarial service, communication expenses, and office supplies necessary to cross-check departmental records with the system; copies of the final printout will be mailed out so individuals can validate personal information.

SB001858 **VTP-2695**

Coordinated Educational Services (Media) for Vocational Education.
Project Director: Lewis, Robert A.
Organization: Shawnee Mission Unified School District 512, Kans.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will assist in improving instruction in the orientation and exploration phases of vocational education by developing graphics to visualize and verbalize occupational information, thereby aiding all secondary students in selecting a more realistic occupational choice. Other objectives include developing techniques and materials adaptable to different learning styles and improving decision-making skills by developing various methods of gathering information.

SB001859 VTP-2699

DOT Based Career Analysis for Teacher/Student Use - Part II.
Project Director: Studyvin, William E.
Organization: Shawnee Mission Unified School District 512, Kans.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will develop a Career Analysis Guide with a career profile guide of occupational information researched and compiled for each cluster area. Objectives include providing career information for teachers to use in various disciplines, providing career information in usable form for students, and implementing a process to encourage students to greater indepth exploration.

SB001860 VTP-2706

Special Vocational Program for Handicapped Students.
Project Director: Fenley, Ray
Organization: Tri-County Special Education Cooperative, Independence, Kans.
Funding Period: Start Date 8 Jul 76; End Date 30 Jun 77

Purposes of the project include providing methods for the following: assessing handicapped students' preferences, attitudes, aptitudes, and functional literacy levels; matching students with appropriate jobs; prescribing educational plans to change undesirable work-related behaviors; and determining job behaviors important to employers in the area. Other objectives include more efficiently utilizing and coordinating existing services to the handicapped.

SB001861 VTP-2708

A Two-Year Follow-Up Look at 1973-1974 Kansas Vocational Completers and Felt Upgrading Needs.
Project Director: Legg, Marilyn
Organization: Manhattan Area Vocational-Technical School, Kans.
Funding Period: Start Date 1 Jul 76; End Date 1 Mar 77

Project staff will sample four groups who have completed vocational educational training, excluding home economics: secondary programs, secondary AVTS programs, postsecondary AVTS programs, and postsecondary junior college programs. The surveys will determine which participants are working within fields related to those in which they were trained and, of that group, those who feel the need for upgrading after two years. Comparisons will be made among the training areas.

SB001862 VTP-2705

Southeast Kansas Career and Vocational Education Service.
Project Director: Perron, Janet
Organization: Southeast Kansas Regional Educational Service Agency, Erie.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will continue to offer services to all schools in a nine-county region to develop vocational programs, curriculum, work-experience programs, and vocational programs for the disadvantaged and handicapped. Other services offered include career education implementation, guidance and counseling services, and inservice workshops for teachers and administrators.

SB001863 VTP-2703

Project Success - Continuing Third Year of Operation.
Project Director: Heinrick, Carl.
Organization: Butler County Community Junior Coll., El Dorado, Kans.
Funding Period: Start Date 2 Aug 76; End Date 30 Jun 77

Project Success is a multifaceted approach to bringing about the educational and personal success of larger percentages of vocational and technical disadvantaged and handicapped students at Butler County Community College. Its goals include providing the best use of instructional modules and learning units, improving staff understanding of each student, and developing student self-acceptance and self-worth.

SB001864

Contract for Educational Grant.
Project Director: Borhani, Rahim
Organization: Manhattan Area Vocational-Technical School, Kans.
Funding Period: Start Date 15 Jul 76; End Date 31 Aug 76

Funding will enable a specialist to be hired to assist in determining methods for improving and identifying areas of the Kansas Vocational Information for Education and Work (K-VIEW) system that must be improved, reorganizing the K-VIEW system, and producing a third-party evaluation report on vocational or career education programs in Pittsburg and Emporia. The specialist will present the selection criteria for vocational programs to the Career Education and Special Needs Conference.

SB001865

Uniform Follow-Up System for Use in Kansas.
Organization: Southwest Kansas Area Vocational-Technical School, Dodge City.

Descriptive information unavailable.

SB001866 VTP-2462

Evaluation of the CCVEP Program Method of Training.
Project Director: Hoffman, Kenneth
Organization: Emporia Kansas State Coll.
Funding Period: Start Date 1 Feb 76; End Date 31 Jan 77

The purpose of the project is to obtain subjective data from all persons involved in the combination cooperative method of training which has been operational in Kansas for about three years. Designed for high school seniors, the program offers on-the-job training in the community along with related vocational instruction and required academic courses. Opinions from students, teachers, parents, administrators, and community leaders will be obtained through letters, questionnaires, interviews, and telephone contacts.

SB001867

Minimum Work Behavioral Expectations (Nursing).
Project Director: Scott, Robert E.
Organization: Kansas State Univ., Manhattan. Dept. of Adult and Occupational Education.
Funding Period: Start Date 15 Sep 77; End Date 31 May 78
Contract and/or Control No.: 78-131-02

This project will ascertain and validate specific expectations by functional areas for those who have completed an LPN or associate degree programs in nursing from Kansas programs receiving state and federal vocational education funding. Procedures will include developing, pilot testing, and analyzing three instruments, each with approximately 200 expectations and activities, for separate populations: nursing educators, postgraduates, and current employers.

SB001868

Occupational Survey of Vocational Level Job Demand.
Project Director: Ward, Gary
Organization: Pittsburg State Univ., Kans.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 78
Contract and/or Control No.: 78-131-03

This project will attempt to bring the occupational needs of the people and those of industry into closer alignment. Procedures will include identifying employers, transcribing survey instruments, completing a survey, and integrating new data (Phase I); identifying sources of supply and validating secondary level data (Phase II); and establishing a listing of 1660 vocational level jobs and completing a nine-county report (Phase III).

SB001869

Task Force 1983.
Project Director: Vineyard, Ben. S.
Organization: Kansas State Coll. of Pittsburg.

This three-part program will provide research to develop a vocational needs assessment system for the Kansas State Department of Education, Vocational Education Division, and develop a long-range plan for vocational education to 1983.

Part D

Fiscal Year 1970

SB001870

An Exemplary Program in Occupational Education in Typical Kansas Rural, Rural-Urban and Urban School Settings.
Project Director: Rawson, Wilbur A.
Organization: Kansas City Public Schools, Kans.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

This project will be implemented and operated in three settings to produce model occupational education programs that can be used in similar settings. The program will provide occupational orientation, occupational exploration, occupational experiences, occupational placement, advanced education, and follow-up. Objectives include providing skill training for students not previously enrolled in vocational programs and for early school leavers.

SB001871

An Exemplary Program in Occupational Education in Typical Kansas Rural, Rural-Urban and Urban School Settings.
Project Director: Rawson, Wilbur A.
Organization: Lawrence Unified School District 497, Kans.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

This project will be implemented and operated in three settings to produce model occupational education programs that can be used in similar settings. The program will provide occupational orientation, occupational exploration, occupational experiences, occupational placement, advanced education, and follow-up. Objectives include providing skill training for students not previously enrolled in vocational programs and for early school leavers.

SB001872

An Exemplary Program in Occupational Education in Typical Kansas Rural, Rural-Urban and Urban School Settings.
Project Director: Rawson, Wilbur A.
Organization: Clay Center School District, Kans.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

This project will be implemented and operated in three settings to produce model occupational education programs that can be used in similar settings. The program will provide occupational orientation, occupational exploration, occupational experiences, occupational placement, advanced education, and follow-up. Objectives include providing skill training for students not previously enrolled in vocational programs and for early school leavers.

SB001873

An Exemplary Program in Occupational Education in Typical Kansas Rural, Rural-Urban and Urban School Settings.
Project Director: Rawson, Wilbur A.
Organization: Kansas State Univ., Manhattan.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

This project will be implemented and operated in three settings to produce model occupational education programs that can be used in similar settings. The program will provide occupational orientation, occupational exploration, occupational experiences, occupational placement, advanced education, and follow-up. Objectives include providing skill training for students not previously enrolled in vocational programs and for early school leavers.

SB001874

Career Development Activities. Grades K-6.
Project Director: Weatherford, Clovis
Organization: Liberal Unified School District 480, Kans.

This project will focus on career awareness in grades K-6. Objectives include (1) creating awareness of employment available in the Liberal area and in Kansas, (2) developing in children a realistic picture of themselves in relation to the world of work, (3) developing an appreciation for the different kinds of work, (4) realizing the interdependency of the various occupations, (5) becoming acquainted with new and unfamiliar vocations, and (6) developing a vocabulary of work terms.

Fiscal Year 1971

SB001875

An Exemplary Program in Occupational Education in Typical Kansas Rural, Rural-Urban and Urban School Settings.
Project Director: Rawson, Wilbur A.
Organization: Kansas City Public Schools, Kans.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project will be implemented and operated in three settings to produce model occupational education programs that can be used in similar settings. The program will provide occupational orientation, occupational exploration, occupational experiences, occupational placement, advanced education, and follow-up. Objectives include providing skill training for students not previously enrolled in vocational programs and for early school leavers.

SB001876

An Exemplary Program in Occupational Education in Typical Kansas Rural, Rural-Urban and Urban School Settings.
Project Director: Rawson, Wilbur A.
Organization: Lawrence Unified School District 497, Kans.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project will be implemented and operated in three settings to produce model occupational education programs that can be used in similar settings. The program will provide occupational orientation, occupational exploration, occupational experiences, occupational placement, advanced education, and follow-up. Objectives include providing skill training for students not previously enrolled in vocational programs and for early school leavers.

SB001877

An Exemplary Program in Occupational Education in Typical Kansas Rural, Rural-Urban and Urban School Settings.
Project Director: Rawson, Wilbur A.
Organization: Clay Center School District, Kans.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project will be implemented and operated in three settings to produce model occupational education programs that can be used in similar settings. The program will provide occupational orientation, occupational exploration, occupational experiences, occupational placement, advanced education, and follow-up. Objectives include providing skill training for students not previously enrolled in vocational programs and for early school leavers.

SB001878

An Exemplary Program in Occupational Education in Typical Kansas Rural, Rural-Urban and Urban School Settings.
Project Director: Rawson, Wilbur A.
Organization: Kansas State Univ., Manhattan.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project will be implemented and operated in three settings to produce model occupational education programs that can be used in similar settings. The program will provide occupational orientation, occupational exploration, occupational experiences, occupational placement, advanced education, and follow-up. Objectives include providing skill training for students not previously enrolled in vocational programs and for early school leavers.

SB001879

Career Development Activities. Grades K-9.
Project Director: Weatherford, Clovis
Organization: Liberal Unified S[illegible]ol District 480, Kans.

This career education program for junior high progresses from the awareness program in grades K-6 to provide all students with opportunities to explore work as both observers and participants. Objectives include helping students learn proper ways to seek employment and providing opportunities for students to study a few selected occupations in depth and explore and assess their abilities, aptitudes, and interests.

Fiscal Year 1972

SB001880

An Exemplary Program in Occupational Education in Typical Kansas Rural, Rural-Urban and Urban School Settings.
Project Director: Rawson, Wilbur A.
Organization: Kansas City Public Schools, Kans.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

This project will be implemented and operated in three settings to produce model occupational education programs that can be used in similar settings. The program will provide occupational orientation, occupational exploration, occupational experiences, occupational placement, advanced education, and follow-up. Objectives include providing skill training for students not previously enrolled in vocational programs and for early school leavers.

SB001881

An Exemplary Program in Occupational Education in Typical Kansas Rural, Rural-Urban and Urban School Settings.
Project Director: Rawson, Wilbur A.
Organization: Lawrence Unified School District 497, Kans.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

This project will be implemented and operated in three settings to produce model occupational education programs that can be used in similar settings. The program will provide occupational orientation, occupational exploration, occupational experiences, occupational placement, advanced education, and follow-up. Objectives include providing skill training for students not previously enrolled in vocational programs and for early school leavers.

SB001882

An Exemplary Program in Occupational Education in Typical Kansas Rural, Rural-Urban and Urban School Settings.
Project Director: Rawson, Wilbur A.
Organization: Clay Center School District, Kans.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

This project will be implemented and operated in three settings to produce model occupational education programs that can be used in similar settings. The program will provide occupational orientation, occupational exploration, occupational experiences, occupational placement, advanced education, and follow-up. Objectives include providing skill training for students not previously enrolled in vocational programs and for early school leavers.

SB001883

An Exemplary Program in Occupational Education in Typical Kansas Rural, Rural-Urban and Urban School Settings.
Project Director: Rawson, Wilbur A.
Organization: Kansas State Univ., Manhattan.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

This project will be implemented and operated in three settings to produce model occupational education programs that can be used in similar settings. The program will provide occupational orientation, occupational exploration, occupational experiences, occupational placement, advanced education, and follow-up. Objectives include providing skill training for students not previously enrolled in vocational programs and for early school leavers.

SB001884

Career Development Activities.
Project Director: Weatherford, Clovis
Organization: Liberal Unified School District 480, Kans.

This career education program for junior high progresses from the awareness program in grades K-6 to provide all students with opportunities to explore work as both observers and participants. Objectives include helping students learn proper ways to seek employment and providing opportunities for students to study a few selected occupations in depth and explore and assess their abilities, aptitudes, and interests.

SB001885

A Summer School Career Orientation Program for Elementary Summer School.
Organization: Wichita Unified School District 259, Kans.
Funding Period: Start Date 12 Jun 72; End Date 21 Jul 72

This project expands a former program and will orient sixth-grade students to the structure and opportunities of the work world by exposing them to people in work situations. Objectives include enabling students to recognize occupational clusters, identify several job titles and understand the nature of work for each, and identify the types of courses that will prepare them for their chosen careers.

SB001886

A Program of Career Education for K-8 Students in the North Central Kansas Area.
Project Director: Severance, Bob
Organization: North Central Kansas Area Vocational-Technical School, Beloit.

This project intends to provide awareness of occupational opportunities in north central Kansas; provide experiences for students to assist them in evaluating their interests, abilities, values, and needs as they related to occupational roles; acquaint students with educational needs and resources in various occupations and careers; and utilize community resources in cooperatively developing occupational education.

Fiscal Year 1973

SB001887

Career Education - Exploration in Depth.
Project Director: Lewis, Robert A.
Organization: Shawnee Mission Unified School District 512, Kans.
Funding Period: Start Date 1 Jan 73; End Date 30 Jun 75

This project seeks to plan and develop the exploratory level of a career education program for all students as an integral part of the curriculum. Objectives include providing opportunities for orientation and exploratory activities in many careers, providing opportunities to acquire career decision-making skills, developing techniques for verbalizing and visualizing career education information, and establishing a Careers Resource Center.

SB001888

An Exemplary Program in Occupational Education in Typical Kansas Rural, Rural-Urban and Urban School Settings.
Project Director: Rawson, Wilbur A.
Organization: Kansas State Board of Education, Topeka.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

This project will be implemented and operated in three settings to produce model occupational education programs that can be used in similar settings. The program will provide occupational orientation, occupational exploration, occupational experiences, occupational placement, advanced education, and follow-up. Objectives include providing skill training for students not previously enrolled in vocational programs and for early school leavers.

SB001889

Career Development Activities.
Project Director: Weatherford, Clovis
Organization: Liberal Unified School District 480, Kans.

This continuing project will focus on career awareness in grades K-6. include (1) creating awareness of employment available in the Liberal area and in Kansas, (2) developing in children a realistic picture of themselves in relation to the world of work, (3) developing an appreciation for the different kinds of work, (4) realizing the interdependency of the various occupations, (5) becoming acquainted with new and unfamiliar vocations, and (6) developing a vocabulary of work terms.

SB001890

Kansas Vocational Information for Education and Work (K-VIEW) Project.
Project Director: Meisner, Robert
Organization: Kansas State Univ., Manhattan. Dept. of Adult and Occupational Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 73

This project will research and implement the Kansas Vocational Information for Education and Work (K-VIEW) system to be adaptable for Kansas jobs and training programs.

Fiscal Year 1974

SB001891

Continued Program of Career Education for K-8 Students in the North Central Kansas Area.
Project Director: Severance, Bob
Organization: North Central Kansas Area Vocational-Technical School, Beloit.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project will continue to assist teachers to plan activities and develop materials. Funding will provide a coordinator who will demonstrate to teachers better ways of improving student self-concept and making the academic subjects more meaningful, help each school plan the scope and sequence for its activities, and assist with inservice sessions.

SB001892

Career Education (K-12).
Project Director: Saunders, William
Organization: Garden City Unified School District 457, Kans.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

Emphasis for this project will be on developing within the unified school district an awareness of the need for career education at all levels.

SB001893

Career Awareness K-8 in a Consortium of Rural Schools.
Organization: Hill City Unified School District 281, Kans.

Descriptive information unavailable.

SB001894

Career Education.
Project Director: Coward, Deanne
Organization: Liberal Area Vocational-Technical School, Kans.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project will acquaint students with occupational and educational opportunities in the community; provide occupational information to aid students in making long-range vocational plans; and provide opportunities for students to explore and assess their abilities, aptitudes, and interests.

SB001895

Itinerant Teacher of Career Education.
Project Director: Kennedy, E. G.
Organization: Kansas State Coll. of Pittsburg.
Funding Period: Start Date 1 Aug 73; End Date 30 May 74

Through consultations, conferences, and continuing education courses, this project seeks to form a cooperative relationship between Kansas State College of Pittsburg and the Pittsburg School System to develop career education. Project staff will also provide inservice education activities and program development activities.

SB001896

Coordinated Educational Services (Media) Occupational Guidance - Exploration in Depth (Career Education).
Project Director: Studyvin, William
Organization: Shawnee Mission Unified School District 512, Kans.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

This project intends to provide students an opportunity to better succeed in the regular school setting. The objectives are to provide the means of visualizing and verbalizing occupational information and learning materials used in the occupational education project; increase the range of media and community services; and facilitate occupational planning and preparation so that work becomes possible, meaningful, and satisfying.

SB001897

Research and Development Project in Career Education.
Organization: North Central Kansas Area Vocational-Technical School, Beloit.

Descriptive information unavailable.

SB001898

Montgomery County Career Education Consortium.
Project Director: Clodfelter, Dannie
Organization: Montgomery County Career Education Consortium 512, Independence, Kans.
Funding Period: Start Date 1 Mar 74; End Date 30 Jun 75

The objectives of this project are to establish a consortium of four unified school districts, two community colleges, and one area vocational and technical school to deal with career education in a rural setting and provide services and materials to teachers, students, parents, and communities relating to occupational awareness, career choices, and preparation for employment.

SB001899

Career Education Coordination.
Project Director: Estes, Eddie
Organization: Southwest Kansas Area Vocational-Technical School, Dodge City.
Funding Period: Start Date 1 Jan 74; End Date 30 Jun 75

Funding will make possible inservice training for instructors and development and purchase of materials and supplies necessary to carry out an indepth career education program.

SB001900

R and D Comprehensive Vocational Planning and Management.
Organization: Erie Unified School District 101, Kans.

Descriptive information unavailable.

SB001901

Career Awareness K-8 in a Consortium of Rural Schools.
Organization: Hill City Unified School District 281, Kans.

Descriptive information unavailable.

SB001902

Developing Secondary Career Education Activities.
Organization: Lawrence Unified School District 497, Kans.

Descriptive information unavailable.

SB001903

Career Education.
Organization: Liberal Area Vocational-Technical School, Kans.

Descriptive information unavailable.

SB001904

Career Education.
Organization: Shawnee Mission Unified School District 512, Kans.

Descriptive information unavailable.

SB001905

Coordinated Educational Services (Media) for Disadvantaged or Handicapped Students - Career Education - Exploration in Depth.
Project Director: Studyvin, William
Organization: Shawnee Mission Unified School District 512, Kans.
Funding Period: Start Date 15 Sep 73; End Date 15 Jun 74

Funding will provide materials and inservice sessions to two regional or state-wide counselor meetings.

SB001906

Career Education In-Service Workshop.
Project Director: Sloop, Glenn
Organization: Auburn-Washburn Unified School District 437, Topeka, Kans.
Funding Period: Start Date 1 Oct 73; End Date 30 Jun 74

This project will conduct three inservice classes of approximately thirty participants each to establish a better understanding of the concepts and implementation of career education. The project will help meet the obligation to conduct a curriculum study and development program and will continue implementing the career education concept during the following two school years.

SB001907

Developing and Testing of Interdisciplinary Modules for Grades Seven and Eight, Career Exploratory Programs.
Project Director: Schultz, Gordon
Organization: Whitewater Unified School District 206, Kans.
Funding Period: Start Date 1 Apr 74; End Date 30 Jun 75

Objectives of this project include (1) developing a format for writing career education curriculum for infusion into math, science, English, social studies, and other subject areas in grades 7-8; (2) developing a career education curriculum development manual; (3) developing at least two curriculum packages dealing with career education concepts in each subject matter area; and (4) having workshop participants develop, try out, and help evaluate their curriculum packages or modules.

SB001908

Career Education.
Project Director: Clapsaddle, David
Organization: Wichita State Univ., Kans.
Funding Period: Start Date 1 Nov 73; End Date 30 Jun 74

The purpose of this project is to support the Office of Career Education at Wichita State University to assist south central Kansas school districts in career education efforts dealing with planning, implementation, inservice programs, and evaluation.

Fiscal Year 1975

SB001909

Development Career Education Project.
Project Director: Brooks, Dale
Organization: Central Kansas Area Vocational-Technical School, Newton.
Funding Period: Start Date 3 Sep 74; End Date 30 Jun 75

The aim of this project is to identify successful means of implementing career education materials into middle school and junior high school curricula of designated schools.

SB001910

Career Education Project (K-12).
Project Director: Honas, Ernest, Jr.
Organization: Hays Unified School District 489, Kans.
Funding Period: Start Date 1 Oct 74; End Date 30 Jun 75

This project will promote career education activities within the unified school district through career education curriculum materials, consultants, teacher inservice programs, and workshops.

SB001911

An Exemplary Program for Career Education, K-12, for Unified School District 457.
Project Director: Saunders, William
Organization: Garden City Unified School District 457, Kans.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

Objectives for the project include (1) integrating concepts of awareness, exploration, and skill development into the educational program, K-12; (2) fostering career awareness and facilitating earlier career choice; (3) extending the formal educational experience of potential dropouts and providing terminal graduates with saleable skills; (4) coordinating career education and specific vocational programs in grades K-12; and (5) providing opportunities for developing leisure time activities which may influence career choices.

SB001912

Career Education Program.
Project Director: Sloop, Glenn C.
Organization: Auburn-Washburn Unified School District 437, Topeka, Kans.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

Funding will enable the project to continue the career education program by providing inservice sessions to teachers and developing curriculum materials.

SB001913

Coordinated Educational Services (Media) for Vocational Education.
Project Director: Studyvin, William
Organization: Shawnee Mission Unified School District 512, Kans.
Funding Period: Start Date 15 Mar 75; End Date 30 Jun 76

Funding will enable the project to provide the school district with supplies and equipment for materials production.

SB001914

Coordinated Educational Services (Media) for Vocational Education.
Project Director: Studyvin, William
Organization: Shawnee Mission Unified School District 512, Kans.
Funding Period: Start Date 15 Mar 75; End Date 30 Jun 76

Funding for this project will provide the school district with supplies and equipment for materials production.

SB001915

Career/Information Exemplary Center at Topeka West High School Library.
Project Director: Cotlos, Roberta
Organization: Topeka Unified School District 501, Kans.
Funding Period: Start Date 1 Apr 75; End Date 30 Jun 75

The aim of this project is to develop in the teaching staff the interest and ability to incorporate world of work career and vocational materials into their individual courses. Staff will provide inservice training and compile student-developed career opportunity packets.

SB001916

Career/Information Exemplary Center at Topeka West High School Library.
Project Director: Cotlos, Roberta
Organization: Topeka Unified School District 501, Kans.
Funding Period: Start Date 1 Apr 75; End Date 30 Jun 75

The aim of this project is to develop in the teaching staff the interest and ability to incorporate world of work career and vocational materials into their individual courses. Staff will provide inservice training and compile student-developed career opportunity packets.

SB001917

Montgomery County Career Education Consortium.
Project Director: Brown, Thomas
Organization: Montgomery County Career Education Consortium, Independence, Kans.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This continuing project will provide career education services to education institutions in Montgomery County.

SB001918

Career Education.
Project Director: Best, Kenneth
Organization: Wichita Unified School District 259, Kans.
Funding Period: Start Date 15 Mar 75; End Date 30 Jun 75

This funding will provide support staff for career education in Wichita Public Schools.

SB001919

Career Education Coordination.
Project Director: Estes, Eddie
Organization: Southwest Kansas Area Vocational-Technical School, Dodge City.
Funding Period: Start Date 1 Jan 74; End Date 30 Jun 75

Funding will make possible inservice training for instructors and development and purchase of materials and supplies necessary to carry out an indepth career education program.

SB001920

Career Education Program.
Project Director: Sloop, Glenn C.

Organization: Auburn-Washburn Unified School District 437, Topeka, Kans.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

Funding will enable the project to continue the career education program by providing inservice sessions to teachers and developing curriculum materials.

SB001921

Career Education Program.
Project Director: Coward, Deanne
Organization: Liberal Area Vocational-Technical School, Kans.
Funding Period: Start Date 15 Sep 74; End Date 30 Jun 75

Funding will provide a career education coordinator who will conduct grade level and departmental meetings periodically, serve as a resource person at the elementary and secondary levels, and schedule all career education activities to provide a wider variety of experiences for the entire student body.

SB001922

Exemplary Program.
Organization: North West Kansas Educational Consortium, Colby.

Descriptive information unavailable.

SB001923

Research and Development Project in Career Education.
Project Director: Severance, Bob
Organization: North Central Kansas Area Vocational-Technical School, Beloit.
Funding Period: Start Date 15 Jul 74; End Date 30 Jun 75

This project intends to continue career education efforts. Staff will provide necessary inservice classes and assist teachers to plan, implement, and continue career education in their classrooms and develop instructional materials.

SB001924

Developing Secondary Career Education Activities.
Project Director: Ashby, Mary
Organization: Lawrence Unified School District 497, Kans.
Funding Period: Start Date 24 Jul 74; End Date 30 Jun 75

Objectives of this project are to (1) infuse career education into all curriculum areas, (2) provide career education approaches for teachers and counselors, (3) provide new and innovative materials and compile and distribute lists of materials available for each level, (4) develop a school-community relationship by educating community patrons about career education and sending information to parents, and (5) set up a program evaluation procedure.

SB001925

Regional Planning for Vocational and Career Education.
Project Director: Han, W. J.
Organization: Erie Unified School District 101, Kans.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

Funding will provide continuing services for southeast Kansas.

SB001926

Career Education.
Project Director: Jarmer, Gary
Organization: Saint Francis Unified School District 297, Kans.
Funding Period: Start Date 24 Sep 74; End Date 31 May 75

This project seeks to provide a career education inservice program to assist teaching staff with implementation methods and assist in explaining the implementation process.

SB001927

Development Career Education Project.
Project Director: Brooks, Dale
Organization: Central Kansas Area Vocational-Technical School, Newton.
Funding Period: Start Date 3 Sep 74; End Date 30 Jun 75

The aim of this project is to identify successful means of implementing career education materials into middle school and junior high school curricula of designated schools.

Fiscal Year 1976

SB001928

Regional Planning for Vocational and Career Education.
Project Director: Han, W. J.
Organization: Erie Unified School District 101, Kans.

The objectives of this continuing project are to develop a regional information service for schools in nine southeast Kansas counties to assist them to plan, develop, and implement vocational and career education; maintain within the Kansas State Department of Education an operational component to perform necessary research, data, collection, and information functions; and place a vocational information specialist in two regions.

SB001929

Developmental Career Education Project for the Southwest Kansas Area.
Project Director: Estes, Eddie
Organization: Southwest Kansas Area Vocational-Technical School, Dodge City.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project seeks to (1) provide occupational orientation for elementary and junior high students, (2) create awareness of manpower needs in Dodge City and Kansas, (3) help students see themselves realistically in relation to the world of work, (4) develop a vocabulary of work terms, and (5) utilize community resources and school personnel to cooperatively develop occupational education. Staff will use simulation, gaming, role playing, decision making, and dramatics in the learning experiences.

SB001930

Developmental Career Education Project for the Central Kansas Area.
Project Director: Brooks, Dale
Organization: Central Kansas Area Vocational-Technical School, Newton.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will analyze present career education programs within each district for students in grades K-12 and assess the needs for career education as viewed by school and community. Staff will then develop a career education plan, based upon the needs assessment, with the educational personnel of each district. The implementation plans will include alternative learning strategies for disadvantaged or impaired students.

SB001931

Career Education Project (K-12).
Project Director: Honas, Ernest, Jr.
Organization: Hays Unified School District 489, Kans.
Funding Period: Start Date 1 Oct 75; End Date 30 Jun 76

This project is a continuation of the career education project funded during FY 1975.

SB001932

A Continuation Project Using a Community Person to Facilitate Career Education.
Project Director: Jarmer, Gary
Organization: Saint Francis Unified School District 297, Kans.
Funding Period: Start Date 3 Sep 75; End Date 31 May 76

The project seeks to continue implementation of K-12 career education, use a noneducator to facilitate implementation of career education, provide a demonstration site for others to consider the transportability of the implementation and facilitator process, and provide noneducators to explain the career education implementation process.

SB001933

Planning Grant to Develop a Legal Agreement and a Delivery System for Career Education and Other Vocational Services in Four Cooperating School Districts in Southeast Kansas.
Project Director: Wilson, Max

Organization: Neodesha Unified School District 461, Kans.
Funding Period: Start Date 10 Sep 75; End Date 3 Oct 75

Funding will provide for hiring a person for one month to research and develop the agreement to be entered into by four school districts who wish to pool resources to cooperatively develop career and vocational education. The planner will research existing agreements in the state, prepare the agreement, and prepare a plan for implementing the project.

SB001934

An Exemplary Program for Career Education, K-12, for Unified School District 457.
Project Director: Saunders, William
Organization: Garden City Unified School District 457, Kans.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

Emphasis will be placed on studying and developing additional offerings at the secondary level to give students a greater variety of choices in selecting vocational clusters.

SB001935

Coordination of Secondary Career Education.
Project Director: Ashby, Mary
Organization: Lawrence Unified School District 497, Kans.
Funding Period: Start Date 25 Aug 75; End Date 30 Jun 76

Objectives of this project are to coordinate efforts to infuse career education objectives and methodology into all curriculum areas; coordinate career education activities within the school district; conduct inservice programs, seminars, and workshops for teachers, students, and community patrons; and disseminate curriculum materials.

SB001936

Montgomery County Career Education Consortium.
Project Director: Brown, Thomas
Organization: Montgomery County Career Education Consortium, Independence, Kans.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will continue the consortium to foster career awareness and exploration which will aid in career decision making and preparation.

SB001937

Careers Exploratory Project for the Central Kansas Area.
Project Director: Brooks, Dale
Organization: Central Kansas Area Vocational-Technical School, Newton.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

Funding will support a pilot program of prototype career education materials to identify successful means of implementing those materials into middle school and junior high school curricula.

SB001938

Career Education.
Project Director: Severance, Bob
Organization: North Central Kansas Area Vocational-Technical School, Beloit.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This continuing project intends to provide awareness of occupational opportunities in north central Kansas; provide experiences for students to assist them in evaluating their interests, abilities, values, and needs as they related to occupational roles; acquaint students with educational needs and resources in various occupations and careers; and utilize community resources to cooperatively develop occupational education.

SB001939

USA-VE.
Project Director: Jones, Theador
Organization: Phillipsburg Unified School District 325, Kans.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will provide career education to eleven participating districts through a cooperative effort. Career education personnel and materials will be transported between school districts in vans. Personnel will provide classroom presentations, inservice workshops, public presentations, and needed curriculum materials.

SB001940

Career Education.
Project Director: Best, Kenneth
Organization: Wichita Unified School District 259, Kans.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project seeks to further determine the potential use of curriculum materials developed through a federal grant. The project will provide materials to an additional thirty elementary schools in Wichita and ten elementary schools outside the district to measure transportability within the school district and adaptability in other school districts, and the career education coordinator will provide inservice training to aid in implementing the materials in other districts.

SB001941

An Exemplary Program to Provide Career Education Materials for Students Through the Transfer of Membership from One Cooperative Effort to Another.
Project Director: Jarmer, Gary
Organization: Northwest Kansas Education Cooperative 315, Colby.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The aim of this project is to provide career and vocational education materials and services through the Northwest Kansas Education Cooperative for students in the twenty-four participating school districts. Northwest Kansas Education Cooperative staff will select, purchase, or have teachers develop media materials related to students' career and vocational training. The materials will be on a mobile distribution system.

SB001942

Career Education Program.
Project Director: Corn, Melvin
Organization: Liberal Area Vocational-Technical School, Kans.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will continue the career education program in the Liberal area. Project staff will enhance the program with curriculum revision and expansion of counseling activities.

SB001943

Career Education Program.
Project Director: Stoll, Curtis
Organization: Auburn-Washburn Unified School District, Topeka, Kans.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The aims of this project are to continue the ongoing career education program; continue building curriculum according to the career education philosophy; and assist teachers to develop career programs by providing resource speakers, field trips, films and materials, career fairs, and inservice training.

SB001944

Career/Information Exemplary Center.
Project Director: Deeter, Jack
Organization: Topeka West High School, Kans.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The goals of this project are to continue the Career/Information Exemplary Center and provide inservice training and materials for teachers to incorporate the career education theory into their classroom situations.

SB001945

Coordinated Educational Services (Media) for Vocational Education.
Project Director: Studyvin, William
Organization: Shawnee Mission Unified School District 512, Kans.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This is the continuation of a project to develop materials which will aid students in realistic occupational decision making.

SB001946 VTP-2707

Two-County Career Education Cooperative.
Project Director: Wright, O. Gene
Organization: Neodesha Unified School District 461, Kans.
Funding Period: Start Date 13 Apr 76; End Date 30 Jun 77

This project will provide a self-contained mobile classroom to disseminate career planning information and services to the four unified school districts in Wilson and Woodson counties. The facilities for grades 9-12 and adults will supplement the opportunities available in career awareness, career information, career planning, and career training information. Objectives include providing occupational orientation and facilitating access to occupational education programs.

SB001947 VTP-2694

Continuation of Career Education, K-12, for Unified School District 457-Garden City.
Project Director: Good, Horace
Organization: Garden City Unified School District 457, Kans.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

Continuation of this project will provide students with a wide range of planned career education concepts within each school. Study, inservice training, and experimentation in carrying out the program will be continued.

SB001948 VTP-2700

Lawrence K-12 Career Education.
Project Director: Knox, Carl
Organization: Lawrence Unified School District 497, Kans.
Funding Period: Start Date 23 Aug 76; End Date 27 May 77

This project will provide the services of a career education consultant to further develop career education at all levels. Objectives include supporting and developing programs to provide work experiences or skill training; increasing career guidance for secondary students; providing inservice programs for teachers; developing community awareness; developing resource guides, materials, and media; and continuing evaluation of the secondary program.

SB001949

Career Education.
Organization: Central Kansas Area Vocational-Technical School, Newton.

Descriptive information unavailable.

SB001950 VTP-2701

Montgomery County Career Education Consortium.
Project Director: Brown, Thomas
Organization: Montgomery County Career Education Consortium, Independence, Kans.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will make career education available to the four unified school districts, two community colleges, and the vocational school in Montgomery County by providing a mobile van with materials, equipment, and instructional supplies which are easily transportable and set up. Students will develop career awareness, participate in career investigation, make appropriate career choices, and acquire the competencies or backgrounds necessary.

SB001951 VTP-2698

Southwest Kansas AVTS-Dodge City, Kansas Developmental Career Education Project.
Project Director: Estes, Eddie
Organization: Southwest Area Vocational-Technical School, Dodge City, Kans.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This career development project will enable students to become aware of themselves and others in the world of work and relate basic education curriculum to career development. Secondary level exploratory career modules will be developed for Project Discovery, which will be implemented differently in each of the five schools. A criterion measure will be written for evaluation.

SB001952

Pilot Program for Career Guidance.
Organization: Hutchinson Community Junior Coll., Kans.

Descriptive information unavailable.

SB001953 VTP-2693

Career Education.
Project Director: Heim, Max
Organization: Hutchinson Unified School District 308, Kans.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

Comprehensive career education for all students in the Hutchinson Public Schools will be community based and will focus on helping individuals prepare for their school and economic roles in life. Objectives for this continuing project will concentrate on the junior high level and include developing career awareness, providing investigative and exploratory experiences, and providing a resource center for career materials.

SB001954 VTP-2692

Career Education.
Project Director: Corn, Melvin
Organization: Liberal Area Vocational-Technical School, Kans.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will establish a K-9 career education service for six schools. The service will provide participating schools with a career education consultant, instructional materials, and inservice training. The objectives include providing occupational orientation; developing career awareness; and utilizing community resources, as well as school personnel, to cooperatively develop occupational education.

SB001955

Career Education.
Organization: Beloit Area Vocational-Technical School, Kans.

Descriptive information unavailable.

SB001956

Career Education (K-12).
Project Director: Ludwick, Harvey L.
Organization: Hays Unified School District 489, Kans.

Funding for this project will provide for personnel, inservice training, supplies evaluation, curriculum development, field trip expenses, and equipment for the career education project (grades K-12) in Hays, Kansas.

SB001957

Dissemination of Career Education and Guidance Materials and Services to Disadvantaged/Handicapped Students in Four Attendance Centers in Southwest Kansas.
Project Director: Wilson, Max
Organization: Neodesha Unified School District 461, Kans.
Funding Period: Start Date 11 Sep 75; End Date 30 Jun 76

Objectives of this project are to (1) establish a career education mobile classroom to develop career planning, exploration, information, and training opportunities; (2) create community-wide awareness of the career education concept; (3) provide media construction, development, and presentation techniques; (4) provide occupational orientation and exploratory experiences for students and adults; (5) develop good work attitudes; (6) facilitate access to occupational education programs for dropouts; and (7) expedite entry or re-entry into vocational or technical training programs for adults.

Fiscal Year 1977

SB001958

Developmental Career Education.
Project Director: Estes, Eddie
Organization: Southwest Kansas Area Vocational-Technical School, Dodge City.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 78
Contract and/or Control No.: 78-132-02

The purpose of this project is to develop career awareness and career exploration and help students begin preparation for their chosen careers. Procedures include providing career-oriented

materials and coordinating field trips and resource speakers.

SB001959

Continuation of Career Education K-12 for Unified School District 457.
Project Director: Saunders, Bill
Organization: Garden City Unified School District 457, Kans.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of this project is to provide students in each school in the district with a wide range of planned career education concepts. The project will coordinate team teaching, learning centers, student mobility within and between classrooms, agreements between students and teachers, independent research, community tours, and community resource persons.

SB001960

Career Education (K-12).
Project Director: Ludwick, Harvey L.
Organization: Hays Unified School District 489, Kans.
Funding Period: Start Date 1 Aug 76; End Date 30 Jun 77

Funding for this project will provide for personnel, inservice training, supplies evaluation, curriculum development, field trip expenses, and equipment for the career education project (grades K-12) in Hays, Kansas.

SB001961

Lawrence K-12 Career Education.
Project Director: Ashby, Mary
Organization: Lawrence Unified School District 497, Kans.
Funding Period: Start Date 23 Aug 76; End Date 27 May 77

Funding will allow continuation of career education activities within Unified School District 497 at Lawrence.

SB001962

Postsecondary Career Education in Kansas.
Project Director: Rockhold, Hazel
Organization: Hutchinson Community Junior Coll., Kans.
Funding Period: Start Date 30 Nov 76; End Date 30 Jun 77

This project will fund a conference to provide a structure for delivering postsecondary level career education training and follow-up services.

SB001963 **VTP-2702**

Planning a Pilot Program for Career Guidance at the Post-Secondary Level.
Project Director: Elland, A. H.
Organization: Hutchinson Community Junior Coll., Kans.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of this project is to provide means for planning how the Hutchinson Community College can determine the need for career guidance and education at the postsecondary level in the community and develop support and procedures for meeting the needs.

SB001964 **VTP-2703**

Project Success - Continuing Third Year of Operation.
Project Director: Heinrick, Carl
Organization: Butler County Community Junior Coll., El Dorado, Kans.
Funding Period: Start Date 2 Aug 76; End Date 30 Jun 77

Project Success is a multifaceted approach to bringing about the educational and personal success of larger percentages of vocational and technical disadvantaged and handicapped students at Butler County Community College. Its goals include providing the best use of instructional modules and learning units, improving staff understanding of each student, and developing student self-acceptance and self-worth.

SB001965

Career Education.
Project Director: Corn, Melvin
Organization: Liberal Area Vocational-Technical School, Kans.

This project will establish a K-9 career education service for six schools. The service will provide participating schools with a career education consultant, instructional materials, and inservice training. The objectives include providing occupational orientation; developing career awareness; and utilizing community resources, as well as school personnel, to cooperatively develop career occupational education.

SB001966

Career Education Program for K-12.
Project Director: Brown, Thomas
Organization: Montgomery County Career Education Consortium, Independence, Kans.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The goal of this program is to assist every student to develop competencies necessary for living and making a living and develop appropriate work attitudes.

SB001967

Two-County Career Education Cooperative.
Project Director: Wright, O. Gene
Organization: Neodesha Unified School District 461, Kans.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will provide a completely self-contained mobile classroom to disseminate career planning information and services to the four unified school districts in Wilson and Woodson counties. The facilities in the mobile unit supplement opportunities for career awareness, career information, career planning, and career training.

SB001968 **VTP-2704**

Regional Support System for Central Kansas Career Development Program.
Project Director: Brooks, Dale E.
Organization: Central Kansas Area Vocational-Technical School, Newton.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

A consortium of unified school districts will provide support to area teachers and administrators in the form of consultant help, staff development programs, curriculum development activities, resource evaluation and loan, and field testing of Project Discovery prototypes. The program intends to insure the infusing of career development activities into grades K-12 to equip all students with increased self-awareness and career decision-making skills.

SB001969

Career Education.
Project Director: Severance, Bob
Organization: Beloit Area Vocational-Technical School, Kans.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

Funding for this project will assist in providing a coordinator, travel expenses for a van, supplies, telephone, and postage for continuing a career education project in area schools.

SB001970

Career Education.
Project Director: Jarnagin, Garlan
Organization: Hutchinson Unified School District 308, Kans.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The goal of this project is to provide a comprehensive career education program for students from kindergarten through the postsecondary educational level.

KENTUCKY

Part C

Fiscal Year 1971

SB001971 **VTP-018**

Two Institutes to Develop Understandings and Plans for Vocational Guidance in A Vocational Education Region.
Project Director: Phipps, Curtis
Organization: Kentucky Univ., Lexington.
Funding Period: Start Date 15 Jul 70; End Date 30 Jun 71

The objectives of this project include promoting understandings basic to the development and support of vocational guidance, developing guidance role relationships of various institutions and agencies, developing cooperation and communication among counselors in these institutions and agencies, identifying procedures for providing vocational guidance for all, and emphasizing meeting the needs of the disadvantaged and handicapped. A one-week institute will be conducted for office counselors, school administrators, and business and industry.

SB001972 **VTP-017**

A Workshop on Determining Performance Objectives.
Project Director: McKinney, Floyd L.
Organization: Kentucky State Dept. of Education, Frankfort. Bureau of Vocational Education.
Funding Period: Start Date 22 Jun 70; End Date 30 Jun 71

A four-day workshop will be conducted in which the participants will develop and state performance objectives for the program areas of vocational education which they represent. The forty participants will also develop a plan of action for utilizing the knowledge gained from the workshop.

SB001973 **VTP-007**

Procedures and Techniques for Locally Directed, State-Assisted Evaluation of Secondary and Post-Secondary Programs of Vocational Education in the Central Kentucky Region.
Project Director: McKinney, Floyd L.
Organization: Kentucky Research Coordinating Unit, Lexington.
Funding Period: Start Date 1 Jul 70; End Date 30 Mar 72

The objectives of this project are to help vocational education personnel become more proficient in various evaluative tasks, identify new or improved procedures for assisting schools in conducting program evaluations, try out and demonstrate an evaluation procedure, and develop state and local leadership competencies needed for evaluations. Each institution conducting the project will assist in developing the objectives, do a follow-up survey of former students, and assess the effect of the local evaluation project.

SB001974

Career Education Inservice Project.
Organization: Kentucky State Dept. of Education, Frankfort. Bureau of Vocational Education

Descriptive information unavailable.

SB001975 **VTP-549**

The Development and Try-Out of a System for Evaluating Programs of Vocational Teacher Education.
Project Director: McKinney, Floyd L.
Organization: Kentucky Research Coordinating Unit, Lexington.
Funding Period: Start Date 1 Nov 71; End Date 30 Jun 72

Objectives for this project include (1) writing a rationale for a system to evaluate vocational teacher education programs, (2) identifying the major components of such a system, (3) trying out the system in Western Kentucky University, which prepares prospective vocational education teachers, and (4) developing state and university competencies needed for vocational teacher education program evaluation.

SB001976

Central Kentucky Vocational Education Evaluation Project. Final Report.
Project Director: McKinney, Floyd L.
Organization: Kentucky State Dept. of Education, Frankfort. Bureau of Vocational Education.

This evaluation project aims to (1) identify new or improved procedures for assisting schools in conducting program evaluation, (2) test and demonstrate evaluation procedures to determine whether the secondary and postsecondary vocational education programs in central Kentucky are fulfilling the stated objectives, (3) develop state and local leadership competencies for evaluating vocational education programs, and (4) increase local and regional schools' personnel proficiency in executing procedures basic to evaluation.

SB001977

Professional Staff Survey.
Organization: Kentucky Univ., Lexington.

The primary function of this two-year project is to develop a planning and managing model for a comprehensive personnel development program in vocational education. Other objectives include determining competencies and knowledges needed in all professional positions in vocational education and where they should be developed, developing modules for inservice programs, and redesigning undergraduate and graduate programs and course offerings.

SB001978

Career Education.
Organization: Bowling Green Independent School District, Ky.

Descriptive information unavailable.

SB001979

REAL-Relevant Education and Activity-Centered Learning/Career Education Project.
Project Director: Wilson, Norean
Organization: Newport Independent School District, Ky.
Funding Period: Start Date 15 Aug 72; End Date 8 Jun 73

Objectives of this elementary level project, a continuation of the Integrated Career-Centered Curriculum Project, include (1) providing curricular experiences for developing career awareness, self-awareness, awareness of the world of work, and proper attitudes; (2) implementing an inservice education program; (3) employing two full-time resource teachers (one primary and one intermediate) to help teachers and students and work with principals and community people; and (4) forming community and student advisory committees to provide initial input and feedback.

SB001980

The Development and Try-Out of A System for Evaluating Programs of Vocational Teacher Education.

Organization: Western Kentucky Univ., Bowling Green.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

Objectives for this project include (1) writing a rationale for a system to evaluate vocational teacher education programs, (2) identifying the major components of such a system, (3) trying out the system in Western Kentucky University, which prepares prospective vocational education teachers, and (4) developing state and university competencies needed for vocational teacher education program evaluation.

Fiscal Year 1972

SB001981

Career Education Inservice Project.
Organization: Kentucky State Dept. of Education, Frankfort. Bureau of Vocational Education.

Descriptive information unavailable.

SB001982 **VTP-908**

The Development and Try-Out of A System for Evaluating Programs of Vocational Teacher Education.
Organization: Western Kentucky Univ., Bowling Green.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

Objectives for this project include (1) writing a rationale for a system to evaluate vocational teacher education programs, (2) identifying the major components of such a system, (3) trying out the system in Western Kentucky University, which prepares prospective vocational education teachers, and (4) developing state and university competencies needed for vocational teacher education program evaluation.

SB001983 **VTP-910**

Project for Development of A Final Report on the Central Kentucky Vocational Education Evaluation Project.
Project Director: Thomas, Edward G.
Organization: Kentucky Univ., Lexington.
Funding Period: Start Date 20 Apr 72; End Date 30 Jun 72

The objective of this project is to develop and submit for publication a final report on the Central Kentucky Vocational Education Evaluation project. All the information generated by the project will be reviewed and information deemed essential to the report will be identified.

SB001984 **VTP-909**

An Analysis of the Image of Vocational Education in Kentucky.
Project Director: Spillman, Robert E.
Organization: Kentucky Univ., Lexington. Dept. of Vocational Education.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objective of this study is to determine if the image of vocational education as perceived by selected publics has changed. The "Image of Vocational Education" scale (IVE) will be used to survey an appropriate sampling of selected groups. Using a systematic sampling technique, a twenty-five percent sample of high schools will be drawn. Analytical techniques will be utilized to assess the present situation and any change measured by the IVE.

SB001985 **VTP-907**

Distributive Education Curriculum Project–Phase II.
Organization: Kentucky Univ., Lexington. Coll. of Education.
Funding Period: Start Date 1 Jan 72; End Date 31 Dec 73

The objectives of this project are to select fifteen field test centers and personnel, train field test personnel in the use of the learning actvity package, conduct a field test of another state's product, revise Kentucky's product, and disseminate the complete product to selected persons. A three-day preservice workshop will be conducted to orient the participants to the purpose of the project and the format.

SB001986 **VTP-911**

Continuation of Demonstration and Development for Model Office Programs.
Project Director: Aiken, Bill
Organization: Jefferson County Board of Education, Louisville, Ky.
Funding Period: Start Date 8 Jul 71; End Date 30 Jun 74

The objectives of this project are to provide a prototype for use in developing other simulated model office programs throughout the state, develop and improve instructional materials and teaching methods for simulated programs, and develop guidelines for a simulated model office program that can be adapted to fit individual business and office programs in other schools. A comparative study in which the model office and other types of office practice techniques are being compared is being conducted.

SB001987 **VTP-835**

Analysis of Problems Encountered by Classroom Teachers Associated with Their Involvement in the Kentucky Regional Career Education Development Project.
Project Director: Harryman, M. Eugene
Organization: Western Kentucky Univ., Bowling Green.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objective of this project is to identify, classify, and analyze problems encountered by classroom teachers involved in the Kentucky Regional Career Education Project. The research staff will select a sample of approximately 170 teachers from the eight types of grade-level organizations of schools who will keep informal records of problems and be interviewed twice a year. The problems will be classified and analyzed.

SB001988 **VTP-912**

Development of an Administrative Policy Manual for Vocational Education.
Project Director: Hilton, E.P.
Organization: Kentucky State Dept. of Education, Frankfort. Bureau of Vocational Education.
Funding Period: Start Date 14 Aug 72; End Date 30 Jun 73

The objective of this project is to bring together in one publication all laws, policies, rules, and regulations governing the administration of vocational education by the Bureau of Vocational Education. These laws will be classified, coded, and arranged so that they can be readily available and easily found, and the duplication of existing laws will be eliminated.

SB001989

Concerted Services.
Organization: Kentucky Univ., Lexington.

Descriptive information unavailable.

SB001990

Review and Survey of Literature on Handicapped and Disadvantaged.
Organization: Western Kentucky Univ., Bowling Green.

Descriptive information unavailable.

SB001991

Evaluating MDTA Programs - Workshop Proceedings and Participant Follow-Up.
Project Director: McKinney, Floyd L.
Organization: Kentucky Univ., Lexington.

The four-day workshop aims to enable participants to (1) write performance objectives for local MDTA programs, (2) identify the essential elements of a product-oriented program evaluation effort, (3) write a product-oriented evaluation plan for the local MDTA program, (4) administer follow-up instruments, and (5) analyze follow-up data and develop recommendations. Participants will also develop a follow-up instrument.

SB001992

Home Economics Curriculum Guide Evaluation.
Organization: Kentucky Univ., Lexington.

Descriptive information unavailable.

SB001993

Continuation of the Demonstration and Development Project for Model Office Programs.
Project Director: Aiken, William
Organization: Jefferson County Board of Education, Louisville, Ky.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 74

Approved for a minimum of two years, this project seeks to provide a prototype for use in developing other simulated model office programs throughout the state, develop and improve instructional materials and teaching methods for simulated programs, and develop guidelines for a simulated model office program that can be adapted to fit individual business and office programs. It is intended as a study of the feasibility of using the model office concept in other Kentucky schools.

SB001994

Central Kentucky Student Followup.
Organization: Central Kentucky Univ.

Descriptive information unavailable.

SB001995

Professional Objectives and Mini Project.
Organization: Kentucky Univ., Lexington.

Descriptive information unavailable.

Fiscal Year 1973

SB001996 VTP-914

Analysis of Problems Encountered by Classroom Teachers Associated with Their Involvement in the Kentucky Regional Career Education Development Project.
Project Director: Ehresman, Norman
Organization: Western Kentucky Univ., Bowling Green. Office of Educational Research.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objective of this project is to identify, classify, and analzye problems encountered by classroom teachers involved in the Kentucky Regional Career Education project. A purposive sample of teachers will be selected, and these teachers will be requested to cooperate in the collection of data by keeping an informal record of problems encountered that are related to the project and participating in two interviews by a member of the research project staff.

SB001997

Review of Career Education Programs in Kentucky.
Organization: Kentucky Research Coordinating Unit, Lexington.

This project's goal is to assess the processes and products of career development projects to identify program phases which will contribute to the development of future programs and strengthen the efforts of existing projects. Project staff will appraise project phases to analyze contributions; analyze the products that reflect career development emphasis and extend our evaluative knowledge; and formulate evaluation techniques and methods to assess, review, and substantiate a career education program.

SB001998

Principals' Career Education Exploration Orientation Workshop.
Organization: Kentucky Valley Educational Cooperative, Hazard.

Part of the second-year implementation segment of the three-year Career Education Project for Region XII, this two-day workshop at Natural Bridge State Park seeks to effect favorable attitudes in principals toward the following: the exploration phase of a career education program, a team or cooperative teaching arrangement and block scheduling in the exploration phase, and having their students receive some off-campus, on-the-job work observation or experience.

SB001999

Distributive Education Curriculum Project–Phase II–Addendum.
Organization: Kentucky State Dept. of Education, Frankfort. Bureau of Vocational Education.

Descriptive information unavailable.

SB002000 VTP-1097

Two Hour Vocational Classes at the Laurel County Area Vocational School.
Project Director: Moore, James E.
Organization: Kentucky State Dept. of Education, Frankfort.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objectives of this project are to determine if students' achievement, as measured by instructional unit pretests and posttests, results in statistically significant gain scores and the effect the change in hours per instructional class has on the teachers, administrators, and the community. Each teacher will keep a log of events which occurred in connection with the project. In pretest and posttest design, each teacher and the coordinator will complete an opinionnaire and a performance indicator.

SB002001

Field Testing Career Exploration Materials.
Project Director: Spillman, Robert E.
Organization: Kentucky Univ., Lexington. Coll. of Education.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project seeks to support the inservice education component of the field test effort. The objectives of this project are to determine (1) the value of the curriculum materials in assisting teachers in implementing a Career Orientation and Exploration Program, (2) the relationship between inservice education and curriculum material use , and (3) the effect of providing teachers with materials and inservice education and their attitudes toward career education.

SB002002

Attitudes of Kentucky Secondary Teachers and Students Toward Consumer Issues and Teachers Emphasis Given These Issues in Program Objectives.
Project Director: Davis, Rose Marie
Organization: Kentucky State Dept. of Education, Frankfort.

This attitudes assessment will identify differences in attitude toward consumer issues among home economics, social studies, business and office, and distributive education secondary teachers; differences in emphasis of consumer issues among those teachers; and attitudes of high school students toward consumer issues. A mailed instrument with forty-eight issues will be used to answer six specific questions.

SB002003 VTP-1096

Effects of A Program of Career Education in the Hazard Region.
Project Director: Omvig, Clayton P.
Organization: Kentucky Univ., Lexington. Coll. of Education.
Funding Period: Start Date 3 Jul 73; End Date 30 Jun 74

The objective of this project is to provide a research-based evaluation of the Hazard Career Education project to effect needed improvements in the project and identify implications for other regional career education projects. The objectives are related to the components of the community, professional staff personnel, students, and the project management.

SB002004 VTP-1099

Research Related to the Regional Career Education Development Project.
Project Director: Newton, Mark
Organization: Western Kentucky Univ., Bowling Green.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objective of this project is to provide decision makers with relevant empirical data for enhancing and strengthening career education programs in Kentucky. This project will involve the collection of relevant data from and concerning sources essential to a program of career education in any setting. Data will be collected for tabulation and analysis by means of questionnaires, interviews, and record reviews.

SB002005

Research Related to the Regional Career Education Development Project: Kentucky Vocational Region 3.
Project Director: Newton, Mark

Organization: Western Kentucky Univ., Bowling Green.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project seeks to provide decision makers with relevant empirical data for enhancing and strengthening career education programs in Kentucky. Questionnaires, interviews, and record reviews will be used to collect relevant data essential to career education programs in the home, school, and community.

Fiscal Year 1974

SB002006

Two Hour Vocational Classes at the Laurel County Area Vocational School.
Project Director: Moore, James E.
Organization: ROPES, Region 13, Barbourville, Ky.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The purpose of this project is to upgrade the two-hour vocational classes at the Laurel County Area Vocational School. These classes include instruction in the areas of carpentry, auto mechanics, refrigeration and air conditioning, electricity, and drafting.

SB002007

Two Hour Vocational Classes at the Laurel County Area Vocational School.
Project Director: Moore, James E.
Organization: ROPES, Region 13, Barbourville, Ky.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

Funding for this project will enable hiring an additional staff member, a "related instructor," to (1) teach and supervise vocational students, (2) develop evaluation procedures for this instructional program, (3) participate in the inservice education program, (4) develop a curriculum of related instruction, and (5) work with individual students as needed.

SB002008 **VTP-1163**

Validation of Curriculum Guides Objectives.
Project Director: Kennedy, Elsie
Organization: Kentucky Univ., Lexington. Coll. of Education.
Funding Period: Start Date 1 Sep 73; End Date 1 Aug 74

The objectives of this project are to obtain funds to validate the objectives as stated in the curriculum guides for the junior high school level through a field test effort and revise the curriculum guides based on the validation data. Each teacher will administer an informal evaluation, in the form of a teacher constructed, objective pre- and posttest, covering each major objective.

SB002009 **VTP-1169**

Development and Evaluation of A Technical Report for Dissemination of Research and Development Information to Kentucky Vocational Educators.
Organization: Kentucky State Dept. of Education, Frankfort. Bureau of Vocational Education.
Funding Period: Start Date 12 Sep 73; End Date 30 Jun 74

The objectives of this project are to provide an open forum for discussion of issues which must be examined by vocational educators; disseminate results of research and program efforts; stimulate the growth of vocational education research; and encourage the use of innovation in the implementation of all vocational programs, services, and activities. A summary sheet of an interest survey will be disseminated which will present possible topics for articles to be rated according to interest.

SB002010 **VTP-1170**

A Proposal to Provide Research and Third Party Assessment on Career Education Development Projects: Hazard, Bowling Green, and Owensboro, Kentucky.
Project Director: Childers, B.E.
Organization: Southern Association of Colleges and Schools, Atlanta, Ga.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objective of this project is to provide a third-party assessment of the career education development projects in Hazard, Bowling Green, and Owensboro. Three consultants will develop full assessment procedures in detail. Site visits will be made by a consultant, an interim report will be prepared, and an evaluation team will visit the project and prepare a written report of the findings including recommendations and suggestions.

SB002011 **VTP-1149**

Vocational Education Public Information Program for the Pennyrile Region.
Project Director: Logan, Joyce
Organization: Kentucky Regional Office for Vocational Education, Lexington.
Funding Period: Start Date 1 Nov 73; End Date 30 Jun 74

The objectives of this project are to increase public awareness and develop positive attitudes toward vocational education, coordinate efforts of all persons involved in dissemination of vocational education information to develop a planned program of information, and provide an intensified effort of public information for all types of vocational education programs to assist persons with occupational choices. Surveys will be made to determine knowledge of and attitudes toward vocational education.

SB002012 **VTP-1165**

Dissemination of Information Relating to Selected Aspects.
Project Director: Mattei, Otto
Organization: Bowling Green City Schools, Ky.
Funding Period: Start Date 1 Oct 73; End Date 30 Jun 74

The objectives of this project are to develop and produce a series of slides and accompanying written commentary outlining the career education concept and the Bowling Green project and develop and publish a manual, to be given to each project visitor, which contains chapters on implementation procedures, promotion and effects of community involvement, summaries of the major ideas and concepts of the Bowling Green project, and a collection of sample lesson plans or curriculum guides.

SB002013 **VTP-1295**

Development of Competency Based Examinations for Practical Nursing Program Challenge.
Project Director: McHugh, Dorothy A.
Organization: Kentucky State Dept. of Education, Frankfort. Bureau of Vocational Education.
Funding Period: Start Date 1 Feb 74; End Date 30 Jun 76

The objective of this project is to determine the feasibility of granting credit in Practical Nursing programs for previous experience and education or training. Through workshop participation, staff will develop, validate, implement, and evaluate an instrument whereby persons with previous experience and education/training could challenge by examination any part of the curriculum and, upon attainment of an established norm, be given credit.

SB002014

Eleven State Distributive Education Curriculum Consortium Project Addendum.
Project Director: Schneider, R.M.
Organization: Kentucky Research Coordinating Unit, Lexington.

Funding will enable purchase of printing and advertising, as well as postage, freight, and express costs for the Eleven-State Distributive Education Curriculum Consortium Project.

SB002015

Field Testing Career Exploration Materials - Addendum.
Project Director: Spillman, Robert E.
Organization: Kentucky Univ., Lexington. Coll. of Education.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The aim of this project is to support the inservice education component of the field test effort, which is designed to determine the value of the curriculum materials in assisting teachers in implementing a career orientation and exploration program, determine the relationship between inservice education and curriculum material utilization, and determine the effect on teacher attitudes towards career education of providing them with materials and inservice education.

Fiscal Year 1975

SB002016 VTP-1741

Development of Performance Objectives and Criterion-Referenced Measures for V-TECS Project Areas.
Project Director: Carpenter, Bruce
Organization: Kentucky Univ., Lexington. Curriculum Development Center.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of this project is to identify incumbent workers or other individuals with technical expertise and use them to provide technical information needed to write objectives and test measures from identified tasks. Co-directors of the V-TECS projects will develop expertise in writing performance objectives and criterion-referenced tests through workshops and other inservice activities.

SB002017

The Pennyrile Public Information Project Guidebook for use in Developing A Regional Public Information Program.
Project Director: Logan, Joyce
Organization: Regional Office for Vocational Education, Madisonville, Ky.

By producing a guidebook, this project seeks to assist other regions of Kentucky in developing their own regional public information programs. The guidebook will describe procedures and materials used in the Pennyrile Project.

SB002018 VTP-1743

Two Hour Vocational Classes at the Laurel County Area Vocational School.
Project Director: Moore, James E.
Organization: ROPES, Region 13, Barbourville, Ky.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to determine the efficiency of two-hour instructional blocks for five trade and industrial education programs of instruction and determine the effect of the change as perceived by the professional staff. The feasibility of utilizing the program in other area vocational education centers will also be determined.

SB002019 VTP-1742

Printing and Disseminating Career Education Documents.
Project Director: Carpenter, Bruce
Organization: Kentucky Univ., Lexington. Curriculum Development Center.
Funding Period: Start Date 15 May 74; End Date 31 Dec 75

The objectives of this project are to develop a brochure to announce the availability of the career guides and to print 500 copies of these guides. The career education documents will be disseminated to Kentucky teachers and other apropriate educators who request them.

SB002020 VTP-2027

Postsecondary Vocational Education Students in Kentucky: An Analysis of Variables Associated with Their Enrollment in Two Types of Institutions.
Project Director: Justin, Royce
Organization: Kentucky State Dept. of Education, Frankfort. Bureau of Vocational Education, Planning and Evaluation Unit.
Funding Period: Start Date 15 May 75; End Date 30 Jun 75

The objectives of this project are to determine if students enrolled in state vocational and technical schools differ in respect to selected variables from students enrolled in vocational community colleges; obtain, organize, and present data regarding characteristics of students being served in two types of postsecondary institutions; and disseminate findings and conclusions. First-year students will complete a questionnaire, and the responses will be analyzed.

SB002021 VTP-1597

Career Education for Region 12 (Hazard).
Project Director: Childers, B.E.
Organization: Southern Association of Colleges and Schools, Atlanta, Ga. Commission on Occupational Education Institutions.
Funding Period: Start Date 1 Sep 74; End Date 1 Mar 75

The objective of this project is to provide a third-party assessment of Career Education for Region 12. Three consultants will develop full assessment procedures in detail. Site visits will be made by a consultant, an interim report will be prepared, and an evaluation team will visit the project and prepare a written report of the findings including recommendations and suggestions.

SB002022

A Field Trial and Analysis of Selected Occupational Guidance Activities with Counselor In-Service Education. (Continuation).
Project Director: Ashley, J. Wayne
Organization: Western Kentucky Univ., Bowling Green. Center for Career and Vocational Teacher Education.

This project seeks to develop, implement, and evaluate guidance activities to better meet the vocational development and career planning needs of youths in grades 9-12; extend and improve the use of tests of occupational significance by providing exploration activities in ninth and tenth grades and facilitating preparation for entering higher training and occupations at the eleventh and twelfth grades; and upgrade counselors and assist them in planning, implementing, and evaluating improved occupational guidance activities.

SB002023

A Catalog of Performance Objectives and Criterion-Referenced Measures for Professional Competencies Needed by Local Vocational Administrators in Kentucky.
Project Director: Masterson, James
Organization: Eastern Kentucky Univ., Richmond. Dept. of Industrial Education and Technology.

This catalog will be designed to provide performance objectives and criterion-referenced measures associated with the tasks performed by local vocational administrators in Kentucky. Possible uses of the catalog include comparing objectives identified with existing objectives of established programs, using criterion-referenced measures as a test for accomplishing the attainment of objectives, and using the measures to determine entering students' competencies and establish a basis for student needs.

SB002024

Two Hour Vocational Classes at the Laurel County Area Vocational School (Continuation).
Project Director: Moore, James E.
Organization: Kentucky Vocational Education Region 13, Barbourville.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 76
Contract and/or Control No.: N00810-01

This three-year project seeks to determine if two-hour instructional blocks can be operated in programs enrolling only secondary students. It will also conduct statistical analyses on data gathered concerning student achievement, rating of instruction and instructors by students, and rating of performance of various factors by teachers. Areas of instruction will be automotive mechanics, carpentry, drafting, industrial electricity, and air conditioning/refrigeration.

SB002025 VTP-2142

Vocational Education Public Information Program for the Pennyrile Region (Continuation).
Project Director: Logan, Joyce
Organization: Region II Office for Vocational Education, Madisonville, Ky.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project is being continued to increase the awareness and understanding of vocational programs for both high school students and adults. Surveys will be repeated to gauge the success of the project, and media publicity campaigns will be conducted. Slide presentations and audiovisual displays will be prepared for use in vocational schools and presentation to the public.

Fiscal Year 1976

SB002026

Forecasting and Analyzing Needs and Barriers in Kentucky Vocational Education–Phase I.
Project Director: McClellan, L. Dean
Organization: Louisville Univ., Ky.
Funding Period: Start Date 1 May 76; End Date 30 Jun 76

The purpose of this project is to analyze existing and potential needs and barriers to vocational education regarding new and emerging occupations, elimination of discrimination, vocational staff deve-

lopment, and funding vocational education. The Delphi technique will be used to delineate phenomena to be encountered in the future. Objectives include establishing a planning committee to assist with the development and implementation of the system and instruments to determine needs and barriers.

SB002027 **VTP-2509**

Identification of Professional Competencies Needed by Vocational Administrators in Kentucky - Continuation.
Project Director: Hurley, Carl
Organization: Eastern Kentucky Univ., Richmond.
Funding Period: Start Date 15 Aug 75; End Date 15 May 77

The objectives of this project are to provide a list of professional competencies needed by individuals who hold six vocational administrative positions and provide a document which lists performance objectives, criterion-referenced measures, and performance guides for the vocational education administrator in the state. The administrator's job will be analyzed, and performance objectives and criterion-referenced measures will be written.

SB002028 **VTP-2711**

An Assessment of Vocational Education Needs of the Disadvantaged and Handicapped in Kentucky.
Project Director: Bayne, Keith
Organization: Louisville Univ., Ky.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project seeks to identify the number of disadvantaged and handicapped people who are secondary age level and above, identify those vocational education programs currently available that specifically address themselves to the handicapped and disadvantaged, and identify the portion of the target populations that could benefit from vocational education. Other objectives include developing recommendations for programs, services, and activities for individuals in the target populations.

SB002029

Evaluating Mini-Lessons on Video Tape for Use in Units of Instruction for Child Day Care Center Personnel.
Project Director: Couch, Anna Sue
Organization: Kentucky Univ., Lexington.
Funding Period: Start Date 15 Apr 76; End Date 30 Jun 76

The objective of this study is to determine the effectiveness of a series of video tape mini-lessons and colored slides which were previously produced. The research design will be a quasi-experimental design known as the Non-equivalent Control Group Design. Groups of child day-care center personnel will be randomly assigned to treatment, and a pretest will be given to demonstrate group equivalence.

SB002030 **VTP-2153**

An Experimental Study to Determine the Impact of Career Exploration on Career Maturity and Attitudes Toward School of Junior High Students in Bullitt County, Kentucky.
Project Director: Travis, Karen
Organization: Hebron Junior High School, Shepherdsville, Ky.
Funding Period: Start Date 11 Aug 75; End Date 30 Jun 76

The purpose of this project is to determine the impact of a career exploration program on career maturity and school attitudes of students at Hebron Junior High School. Testing of seventh, eighth, and ninth grade students in experimental and control groups will determine the effectiveness of the program and produce an evaluation system applicable to other career exploration programs in Kentucky.

SB002031 **VTF-1744**

Vocational Education Public Information Program for the Pennyrile Region.
Project Director: Logan, Joyce
Organization: Vocational Education Programs, Regional Office, Madisonville, Ky.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 76

The objectives of this project include increasing the number of high school students who can properly define vocational education, identify vocational offerings, and identify the academic ability level for which vocational programs are designed. Vocational personnel in the region will be surveyed to determine additional public information activities deemed worthwhile, and additional activities will be carried out to determine the progress and accomplishment of project objectives.

SB002032 **VTP-2164**

A Field Trial and Analysis of Selected Occupational Guidance Activities With Counselor In-Service Education (Continuation).
Project Director: Ashley, Wayne
Organization: Western Kentucky Univ., Bowling Green.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The purposes of this continuing project are to conduct research on the effect of vocational guidance activities on the career attitude and maturity of high school seniors; extend and improve the use of tests of occupational significance to facilitate orientation to and exploration of occupational fields for entrance into advanced training; upgrade and retrain counselors; and develop, implement, and evaluate guidance activities to meet the needs of selected youths in grades 9-12.

SB002033

Two Hour Vocational Classes at the Laurel County Area Vocational School.
Project Director: Moore, James E.
Organization: Kentucky Vocational Education Region 13, Barbourville.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 76
Contract and/or Control No.: N00810-01

This three-year curriculum evaluation project seeks to determine if two-hour instructional blocks can be operated in programs enrolling only secondary students. It will also conduct statistical analyses on data gathered concerning student achievement, rating of instruction and instructors by students, and rating of performance of various factors by teachers. Areas of instruction will be automotive mechanics, carpentry, drafting, industrial electricity, and air conditioning/refrigeration.

SB002034 **VTP-2203**

Identification of Professional Competencies Needed by Vocational Administrators in Kentucky.
Project Director: Hurley, Carl E.
Organization: Eastern Kentucky Univ., Richmond. Dept. of Industrial Education and Technology.
Funding Period: Start Date 15 Aug 75; End Date 31 Dec 76

This study will compile information necessary for the development of a competency-based certification program for vocational administrators. A search of related literature will be conducted, and the results will be used to develop an occupational task list. The six administrators will be surveyed on this task list, and the survey data will be analyzed. A catalog of performance objectives and criterion-referenced measures for administrators will then be developed.

SB002035 **VTP-2202**

An Evaluation of the Resource Development Unit of the Kentucky Bureau of Vocational Education.
Project Director: Taylor, Robert E.
Organization: Ohio State Univ., Columbus.
Funding Period: Start Date 1 Oct 75; End Date 15 Jun 76

The purpose of this study is to present a scope of work for evaluating the impact of research and development projects funded by the Resource Development Unit (RDU) since 1970 on vocational education in Kentucky. Objectives include determining the degree to which Kentucky educators perceive that the RDU has met its goals, establishing a system for categorizing RDU funded research and exemplary projects, and determining the degree of impact that each category has had on education.

SB002036 **VTP-2200**

Effects of a Program of Career Education in the Hazard Region - Phase II.
Project Director: Omvig, Clayton
Organization: Kentucky Univ., Lexington.
Funding Period: Start Date 8 Aug 75; End Date 30 Jun 75

The goal of this project is to provide a research-based evaluation of the Hazard Career Education project to identify implications for other local or regional career education projects. The professional development component will assess staff effectiveness in implementing career education and will identify staff characteristics, tech-

niques, strategies, and problems affecting staff performance. The student component will assess the effects of career education programs, services, and activities on students.

SB002037 **VTP-2363**

A Statewide Assessment of the Utilization of Direct Operated Vocational Education Facilities.
Project Director: Davis, B. Glen
Organization: Kentucky State Dept. of Education, Frankfort. Bureau of Vocational Education.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The purpose of this project is to determine the barriers that exist which prevent the utilization of the open entry/open exit concept in vocational education programs in Kentucky. Objectives include determining, documenting, and comparing the number of students being served and the number of students available to be served by each vocational education facility in Kentucky and determining and documenting the utilization of each state-operated vocational facility by work area and room.

SB002038 **VTP-2268**

An Assessment of Vocational Education Needs of the Disadvantaged and Handicapped in Kentucky.
Project Director: Davis, B. Glen
Organization: Louisville Univ., Ky.
Funding Period: Start Date 1 Jan 76; End Date 30 Jun 76

The objectives of this project include identifying the number of people in Kentucky, secondary age level and above, who meet the criteria for disadvantaged and handicapped; identifying the vocational education programs currently available in Kentucky that specifically address themselves to the handicapped or disadvantaged; and identifying that portion of the target populations that could benefit from vocational education.

SB002039 **VTP-2571**

A Study of A Two Hour Time Block in Industrial Education.
Project Director: Gearhart, Robert E.
Organization: Newport City Schools, Ky.
Funding Period: Start Date 1 Sep 76; End Date 30 Jun 77

The purpose of this study is to determine the effectiveness of using two-hour training periods in industrial education classes at a comprehensive urban high school. The experimental group will be students in grades 10-12 who are enrolled in one of four classes: drafting, commercial art, graphic arts, and electricity. The skill achievement and attitudinal change of the students will be measured through pretests and posttests using the Ohio Trades Achievement Test and Bill's Index of Adjustment and Values.

Fiscal Year 1977

SB002040 **VTP-2798**

An Analytical Research Project to Assess the Impact of Practical Arts Programs in the Commonwealth of Kentucky.
Project Director: Ehresman, Norman D.
Organization: Western Kentucky Univ., Bowling Green. Center for Career and Vocational Teacher Education.
Funding Period: Start Date 1 Jan 77; End Date 30 Jun 77
Contract and/or Control No.: D98811

The objective of this project is to provide decision makers with relevant empirical data for purposes of evaluating, enhancing, and strengthening practical arts education programs in Kentucky. Data will be collected from the Assessment of Career Development testing program. The project will make comparisons among those schools using a practical arts program, schools using a total career education integration approach, and schools who have not initiated either program.

SB002041 **VTP-2571**

A Study of A Two Hour Time Block in Industrial Education.
Project Director: Gearhart, Robert E.
Organization: Newport City Schools, Ky.
Funding Period: Start Date 1 Sep 76; End Date 30 Jun 77

The purpose of this study is to determine the effectiveness of using two-hour training periods in industrial education classes at a comprehensive urban high school. The experimental group will be students in grades 10-12 who are enrolled in one of four classes: drafting, commercial art, graphic arts, and electricity. The skill achievement and attitudinal change of the students will be measured through pretests and posttests using the Ohio Trades Achievement Test and Bill's Index of Adjustment and Values.

SB002042 **VTP-2713**

Forecasting and Analyzing Needs and Barriers in Kentucky Vocational Education - Phase II.
Project Director: McClellan, L. Dean
Organization: Louisville Univ., Ky.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The goal of this project is to analyze existing and potential needs and barriers to vocational education regarding new and emerging occupations, elimination of discrimination, vocational staff development, and funding vocational education. The Delphi technique will be used to delineate phenomena to be encountered in the future. Objectives include establishing a planning committee to assist with the development and implementation of the system and instruments to determine needs and barriers.

SB002043 **VTP-2712**

Evaluating Mini-Lessons on Video Tape for Use in Units of Instruction for Child Day Care Center Personnel.
Project Director: Couch, Sue
Organization: Kentucky Univ., Lexington.
Funding Period: Start Date 1 Jul 76; End Date 31 Mar 77

The objective of this study is to determine the effectiveness of a series of video tape mini-lessons and colored slides which were previously produced. The research design will be a quasi-experimental design known as the Non-equivalent Control Group Design. Groups of child day-care center personnel will be randomly assigned to treatment, and a pretest will be given to demonstrate group equivalence.

SB002044 **VTP-2714**

Identification of Professional Competencies Needed by Vocational Administrators in Kentucky.
Project Director: Masterson, James
Organization: Eastern Kentucky Univ., Richmond.
Funding Period: Start Date 1 Aug 76; End Date 31 May 77

This study will compile information necessary for the development of a competency-based certification program for vocational administrators. A search of related literature will be conducted, and the results will be used to develop an occupational task list. The six administrators will be surveyed on this task list, and the survey data will be analyzed. A catalog of performance objectives and criterion-referenced measures for administrators will then be developed.

SB002045 **VTP-2507**

An Assessment of Vocational Education Needs of the Disadvantaged and Handicapped in Kentucky - Continuation.
Project Director: Bayne, Keith
Organization: Louisville Univ., Ky.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project seeks to identify the number of disadvantaged and handicapped people who are secondary age level and above, identify those vocational education programs currently available that specifically address themselves to the handicapped or disadvantaged, and identify the portion of the target populations that could benefit from vocational education. Other objectives include developing recommendations for programs, services, and activities for individuals in the target populations.

Part D

Fiscal Year 1970

SB002046

Henderson County Career Education Project.
Project Director: Gibson, Melvin

Organization: Henderson County Public Schools, Ky.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73
Contract and/or Control No.: J12013

The goal of this three-year project includes the implementation of a continuous occupational information program into the regular elementary and secondary curriculum. The objectives include (1) helping students develop positive work attitudes; (2) establishing linkage between businesses, industries, and community personnel and the schools; (3) further developing an occupational information component within the guidance department; and (4) developing curriculum guides integrating career education to coincide with grade levels and subject matter areas.

SB002047

Exemplary Program in Vocation Information and Counseling in Employment of In-School Out-of-School Youth in Clay County.
Organization: Clay County Board of Education, Manchester, Ky.
Funding Period: Start Date 1 Jun 70; End Date 1 Jun 73

This project will supply career information for 500 youths and provide vocational counseling for other age groups. It will be designed to expand vocational horizons, reduce the dropout rate, provide vocational training for overage students, and stress the importance of developing skills prior to entering the world of work. Public schools and employment, manpower, and vocational education agencies will cooperate to meet the needs of disadvantaged youth.

Fiscal Year 1971

SB002048

Henderson County Career Education Project.
Project Director: Gibson, Melvin
Organization: Henderson County Public Schools, Ky.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73
Contract and/or Control No.: J12013

The goal of this three-year project includes the implementation of a continuous occupational information program into the regular elementary and secondary curriculum. The objectives include (1) helping students develop positive work attitudes; (2) establishing linkage between businesses, industries, and community personnel and the schools; (3) further developing an occupational information component within the guidance department; and (4) developing curriculum guides integrating career education to coincide with grade levels and subject matter areas.

SB002049

Exemplary Program in Vocation Information and Counseling in Employment of In-School Out-of-School Youth in Clay County.
Organization: Clay County Board of Education, Manchester, Ky.
Funding Period: Start Date 1 Jun 70; End Date 1 Jun 73

This project will supply career information for 500 youths and provide vocational counseling for other age groups. It will be designed to expand vocational horizons, reduce the dropout rate, provide vocational training for overage students, and stress the importance of developing skills prior to entering the world of work. Public schools and employment, manpower, and vocational education agencies will cooperate to meet the needs of disadvantaged youth.

SB002050

Exploring the World of Careers in Grades Seven and Eight.
Project Director: Wilson, Norean
Organization: Newport Independent School District, Ky.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The goal of this career exploration project is to integrate career education in grades 7-8. The program will (1) provide students opportunities to explore fifteen career areas; (2) develop and implement an inservice program; (3) provide support services to school personnel; (4) establish an advisory council of parents and business, industry, and community participants; and (5) design instructional materials and equipment.

Fiscal Year 1972

SB002051

Henderson County Career Education Project.
Project Director: Gibson, Melvin
Organization: Henderson County Public Schools, Ky.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73
Contract and/or Control No.: J12013

The goal of this three-year project includes the implementation of a continuous occupational information program into the regular elementary and secondary curriculum. The objectives include (1) helping students develop positive work attitudes; (2) establishing linkage between businesses, industries, and community personnel and the schools; (3) further developing an occupational information component within the guidance department; and (4) developing curriculum guides integrating career education to coincide with grade levels and subject matter areas.

SB002052

Exemplary Program in Vocation Information and Counseling in Employment of In-School Out-of-School Youth in Clay County.
Organization: Clay County Board of Education, Manchester, Ky.
Funding Period: Start Date 1 Jun 70; End Date 1 Jun 73

This project will supply career information for 500 youths and provide vocational counseling for other age groups. It will be designed to expand vocational horizons, reduce the dropout rate, provide vocational training for overage students, and stress the importance of developing skills prior to entering the world of work. Public schools and employment, manpower, and vocational education agencies will cooperate to meet the needs of disadvantaged youth.

SB002053

Exploring the World of Careers in Grades Seven and Eight.
Project Director: Wilson, Norean
Organization: Newport Independent School District, Ky.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The goal of this career exploration project is to integrate career education in grades 7-8. The program will (1) provide students opportunities to explore fifteen career areas; (2) develop and implement an inservice program; (3) provide support services to school personnel; (4) establish an advisory council of parents and business, industry, and community participants; and (5) design instructional materials and equipment.

SB002054

Systemwide World of Work Curriculum and Staff Development for Implementation in Grades 1-12.
Organization: Bowling Green Independent Board of Education, Ky.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this three-year project is to design and pilot an integrated elementary and secondary curriculum. In a four-week summer workshop during the first project year, a cadre of teachers will design the initial phases of the curriculum at each grade level. These teachers will train their colleagues in piloting the curriculum.

Fiscal Year 1973

SB002055

Systemwide World of Work Curriculum and Staff Development for Implementation in Grades 1-12.
Organization: Bowling Green Independent Board of Education, Ky.

The purpose of this three-year project is to design and pilot an integrated elementary and secondary curriculum in the Bowling Green City School system. In a four-week summer workshop during the first project year, a cadre of teachers will design the initial phases of the curriculum at each grade level. These teachers will train their colleagues in piloting the curriculum.

SB002056 VTP-1098

Career Education Development Project: Kentucky Vocational Education Region 3.
Project Director: Vickers, Theo
Organization: Daviess County Vocational-Technical School, Owensboro, Ky.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objective of this project is to expand the number of administrative, instructional, and supportive personnel of the school districts in Region 3 demonstrating their involvement in the career education project in their respective schools. The project will utilize the regional staff members as resource personnel to supply information to district career education programs. Inservice programs will provide information to the trainers.

Fiscal Year 1974

SB002057

Developmental Program in Distributive Education.
Project Director: Riley, Clayton
Organization: Western Kentucky Univ., Bowling Green.
Funding Period: Start Date 1 Sep 73; End Date 28 Feb 74

The purpose of this program is to develop a practical procedure to supplement simulated programs with an on-the-job internship program. A procedure for placing students in distributive business will also be developed, as will a teacher guide for initiating and conducting an internship program.

SB002058 VTP-1563

Career Education for Region XII.
Project Director: Collins, Owen D.
Organization: Kentucky Valley Educational Cooperative, Hazard.
Funding Period: Start Date 1 Feb 74; End Date 1 Feb 75

The objective of this project is to develop a strong career education program (grades 7-12) while strengthening and broadening the awareness effort and upgrading the levels of activities in preparation and guidance. Regional career education staff will conceptualize, develop, and provide workshop training in the development of exploration cluster units. All school personnel in Region 12 will be oriented during the fall inservice training days.

SB002059

Mining and Reclamation Technology Cooperative Education Program. Final Report.
Project Director: Massey, G. Harold
Organization: Madisonville State Vocational-Technical School, Ky.
Contract and/or Control No.: B38880

This three-year program is designed to provide and coordinate cooperative learning experiences between the instructional programs and the mining industries of Region II, field test and document a cooperative education mining and reclamation experience program, and identify methods of sharing the expertise and facilities of Madisonville Community College and Madisonville State Vocational-Technical School.

Fiscal Year 1975

SB002060 VTP-1507

Developing Mini-Lessons.
Project Director: Goldsmith, Frances S.
Organization: Louisville Univ., Ky.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to develop thirty video tapes using day care/nursery teachers in selected early childhood education centers and the University of Louisville staff, develop a supplemental guide for using the video tapes, and assist with plans for evaluating the effectiveness of the video tapes and accompanying guide.

SB002061 VTP-1607

Innovative Program for Achieving the Goals of Education in Human Relations and Occupational Competency (Grades 7-Adult).
Project Director: Hooks, Vandalyn L.
Organization: Owensboro-Daviess County School Systems, Owensboro, Ky.
Funding Period: Start Date 15 Aug 74; End Date 30 Jun 75

The objectives of this project are to demonstrate an understanding of placement during a two-day training session by identifying or selecting business or idustrial resources that will cooperatively participate with the educational agency in placement and to demonstrate competencies in self-concept development in workshop traning. Other objectives include devising a questionnaire to conduct a follow-up survey of 1973-74 seniors to determine their opinions of the needs of the school curriculum.

SB002062 VTP-1596

A Triangular Teaching Process in Mass Communications.
Project Director: Allen, Ed
Organization: Daviess County School System, Owensboro, Ky.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

The objective of the project is to utilize the expertise of staff and the resources of Apollo High School, the Daviess County Vocational School, and Kentucky Wesleyan College to teach a high school-level course in radio and television communications. Students will explore and be prepared in the fundamentals of radio and television, from both technical and editorial viewpoints. Students will also be given the opportunities to explore mass communications careers.

SB002063 VTP-2157

Mining and Reclamation Cooperative Education Program (Continuation).
Project Director: Massey, G. Harold
Organization: Madisonville Community Coll., Ky.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This continuing project is designed to demonstrate how personnel from a vocational and technical school, a community college, and the mining and reclamation industry can work together to provide the people of Region II with the skills and knowledge needed to secure employment. Cooperative learning experiences will be provided, a program will be documented and field tested, and major emphasis will be placed on identifying methods of sharing the expertise and facilities of two educational institutions.

SB002064

Placement and Follow-Up Model.
Project Director: Raymer, Martha
Organization: Bowling Green Vocational Education Region 4, Ky.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 78

Objectives of this project include (1) developing and implementing a comprehensive plan for an effective regional placement and follow-up system; (2) identifying the activities that should be established as part of the job description for local and regional level vocational education staff; (3) developing and implementing a communication network; (4) developing a standardized records management and information communication network; (4) developing a standardized records management and information system; and (5) coordinating state, regional, and local follow-up activities.

SB002065

A Final Report on the Kentucky Competency-Based Curriculum and Equipment Evaluation Projects.
Project Director: Bruce, Herbert, Jr.
Organization: Curriculum Development Center of Kentucky, Lexington.
Funding Period: Start Date 10 Mar 75; End Date 30 Jun 76

The goal of this project is to develop, field test, evaluate, and revise validated competency-based instructional materials. Specifically, the objectives are to develop instructional modules for ten competency-based programs, producing mediated learning materials to accompany catalogs of performance objectives and criterion-referenced measures in selected occupational areas, and field test the instructional modules in selected schools for twenty programs.

SB002066

Articulation Project for Allied Health.

Organization: Murray State Univ., Ky.
Funding Period: Start Date 1 Sep 75; End Date 31 Aug 76
Contract and/or Control No.: 37-475-101-0

This project aims to establish and document a procedure by which students with technical certificates may receive college credit. Project staff will gather data and recommendations and conduct interviews with practitioners in professions chosen for this study: certified laboratory assistants, radiologic technologists, certified operating room technicians, and certified respiratory therapy technicians. Program essentials and procedures for crediting graduates of vocational technical health occupations programs will be specified.

SB002067

A Triangular Teaching Process: Using Mass Communication as A Medium to Integrate Vocational and Academic Curricula Through Cooperative Efforts of A Public High School, A Vocational School, and A Four Year College.
Project Director: List, Frank A.
Organization: Apollo High School, Owensboro, Ky.

The objectives of this project are to use the staff and resources of Apollo High School, the Daviess County Vocational School, and Kentucky Wesleyan College to teach a high school course in radio and television communications; instruct students in the fundamentals of radio and television, from both technical and editorial viewpoints; and give students opportunities to expore careers in mass communications.

Fiscal Year 1976

SB002068

A Triangular Teaching Process: Using Mass Communication as A Media to Integrate Vocational and Academic Curricula Through Cooperative Efforts of A Public High School, A Vocational School, and A Four Year College.
Project Director: List, Frank A.
Organization: Apollo High School, Owensboro, Ky.

The objectives of this project are to use the staff and resources of Apollo High School, the Daviess County Vocational School, and Kentucky Wesleyan College to teach a high school course in radio and television communications; instruct students in the fundamentals of radio and television, from both technical and editorial viewpoints; and give students opportunities to explore careers in mass communications.

SB002069

Articulation Project for Allied Health.
Organization: Murray State Univ., Ky.
Funding Period: Start Date 1 Sep 75; End Date 31 Aug 76
Contract and/or Control No.: 37-475-101-0

This project aims to establish and document a procedure by which students with technical certificates may receive college credit. Project staff will gather data and recommendations and conduct interviews with practitioners in professions chosen for this study: certified laboratory assistants, radiologic technologists, certified operating room technicians, and certified respiratory therapy technicians. Program essentials and procedures for crediting graduates of vocational technical health occupations programs will be specified.

SB002070 **VTP-2170**

Placement and Follow-Up Model.
Project Director: Tipton, Bettie
Organization: Western Kentucky Univ., Bowling Green. Coll. of Education.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project is designed to develop and implement a comprehensive plan for an effective regional placement and follow-up system; identify the placement and follow-up activities that should be established as part of the job description for vocational education staff; develop and implement a communication network among agencies, institutions, and individuals; and utilize and coordinate follow-up data in planning other programs and activities. The placement and follow-up project will be evaluated through in-house and consultant evaluation.

SB002071

A Final Report on the Kentucky Competency-Based Curriculum and Equipment Evaluation Projects.
Project Director: Bruce, Herbert, Jr.
Organization: Curriculum Development Center of Kentucky, Lexington.
Funding Period: Start Date 10 Mar 75; End Date 30 Jun 76

The goal of this project is to develop, field test, evaluate, and revise validated competency-based instructional materials. Specifically, the objectives are to develop instructional modules for ten competency-based programs, producing mediated learning materials to accompany catalogs of performance objectives and criterion-referenced measures in selected occupational areas, and field test the instructional modules in selected schools for twenty programs.

SB002072 **VTP-2199**

Development of A Model Research and Development Information Dissemination Program for the Kentucky Bureau of Vocational Education: An Omnibus Plan.
Project Director: Sims, E. Norman
Organization: Kentucky State Dept. of Education, Frankfort. Bureau of Vocational Education.
Funding Period: Start Date 1 Sep 75; End Date 31 Aug 76

The purpose of this project is to devise and implement a model for disseminating vocational education information which will utilize a multilevel approach. This program will be based upon the model developed by Ernst and Yovits. A program to increase awareness at the local level will be implemented through workshops to develop change agents and by awarding mini-grants for developing innovative programs. Interest activities at the state level will be developed.

SB002073 **VTP-2201**

Evaluation of Equipment Needed to Field Test Competency Based Individualized Instruction Materials.
Project Director: Carpenter, Bruce
Organization: Kentucky Univ., Lexington.
Funding Period: Start Date 22 Aug 75; End Date 30 Jun 76

The goal of the project is to identify and evaluate equipment needed to implement competency-based individualized instructional programs. The objectives are to identify and provide basic equipment needed in a learning laboratory, identify and provide specific pieces of equipment needed to field test competency-based individualized materials in ten vocational areas, and evaluate the equipment provided in terms of need and value.

SB002074 **VTP-2198**

A Demonstration School Site Program in Vocational Education for Kentucky.
Project Director: Sims, E. Norman
Organization: Kentucky State Dept. of Education, Frankfort. Bureau of Vocational Education.
Funding Period: Start Date 1 Sep 75; End Date 31 Aug 76

The purpose of this project is to establish procedures for implementing a model which will link local innovators to the client public. The demonstration school site program will have as its goal the development of a program which will identify innovative programs and practices in Kentucky vocational education for use as demonstration sites.

SB002075

Addendum to Project Proposal Competency Based Program Development in Vocational Education.
Project Director: Carpenter, Bruce
Organization: Kentucky Univ., Lexington.
Funding Period: Start Date 22 Aug 75; End Date 30 Jun 76

The purpose of the continuing project is to develop and field test individualized instructional modules for ten occupational areas. Funding for this addendum will enable purchase of instructional materials and printing services to produce sufficient quantities of the modules for all students in the field test.

SB002076 VTP-2362

The Mayfield Exemplary Student Exchange Project in Industrial Arts and Vocational Education Programs.
Project Director: Mathis, Walter
Organization: Mayfield Area Vocational Education Center, Ky.
Funding Period: Start Date 1 Nov 75; End Date 30 Jun 76

This project will be a cooperative effort to provide vocational center students the opportunity to study drafting at Mayfield High School and provide high school students the opportunity to participate in vocational school industrial arts orientation and exploration classes in electricity, welding, machine shop, and carpentry. The school year for the students concerned will be divided into six, six-week units, with the exchange of students taking place in the four middle six-week periods.

SB002077 VTP-2269

Rowan County Experiential Field Consortium.
Project Director: Perry, Lou
Organization: Rowan County School System, Morehead, Ky.
Funding Period: Start Date 1 Nov 75; End Date 30 Jun 76

The objectives of this program include developing a curriculum designed to identify, emphasize, and practice skills needed in securing, functioning, and advancing within the fifteen occupational clusters; providing students with onsite, supervised work experience education in these clusters; and developing and utilizing an assessment process that identifies the range of academic and occupational needs, interests, and abilities of each student.

SB002078 VTP-2508

The Development of an Instrument to Measure Student Attitudes Towards Competency-Based Individualized Modules of Instruction in Vocational-Technical Education.
Project Director: Thomas, John C.
Organization: Kentucky Univ., Lexington.
Funding Period: Start Date 1 May 76; End Date 30 Apr 77

The purpose of this project is to investigate the attitudes held by vocational education students toward instructional modules developed by the Curriculum Development Center for Kentucky. The objective of this study is to develop and validate an instrument to measure student attitudes toward competency-based education and the elements of the individualized instructional modules that were field tested during the 1975-1976 school year.

SB002079

A Final Report on the Kentucky Competency-Based Curriculum and Equipment Evaluation Projects.
Project Director: Bruce, Herbert, Jr.
Organization: Curriculum Development Center of Kentucky, Lexington.
Funding Period: Start Date 10 Mar 75; End Date 30 Jun 76

The goal of this project is to develop, field test, evaluate, and revise validated competency-based instructional materials. Specifically, the objectives are to develop instructional modules for ten competency-based programs, producing mediated learning materials to accompany catalogs of performance objectives and criterion-referenced measures in selected occupational areas, and field test the instructional modules in selected schools for twenty programs.

SB002080

Development of A Model Research and Development Information Dissemination Program for the Kentucky Bureau of Vocational Education: The Omnibus Dissemination Program.
Project Director: Sims, E. Norman
Organization: Kentucky State Dept. of Education, Frankfort. Office of Special Programs and Services.
Funding Period: Start Date 1 Jun 75; End Date 30 Aug 76
Contract and/or Control No.: X99881

The goal of this project is to develop a general information model for building an information dissemination program. This program will be based on the model developed by Ernst and Yovits. The project seeks to develop programs of awareness and interest activities to impact at the local and state levels. Specific objectives include conducting workshops to develop change agents and developing a document notification and availability system.

Fiscal Year 1977

SB002081 VTP-2767

Development of Competency-Based Competitive Events in Distributive Education.
Project Director: Turner, Betty
Organization: Jefferson County Board of Education, Louisville, Ky.
Funding Period: Start Date 15 Oct 76; End Date 14 Oct 77

This project aims to provide competitive events for distributive education students which correlate with competency-based curriculum. It seeks to develop the events with objective tests and demonstrated performance in each of the instructional areas for twelve occupational categories identified by National Distributive Education Clubs of America. Writers of the events, selected from distributive education teachers, will participate in five one-day workshops.

SB002082 VTP-2838

A Project for the Development of Video Tapes for the Practical Arts Program.
Project Director: Thro, Ernest G.
Organization: Hardin County Board of Education, Elizabethtown, Ky.
Funding Period: Start Date 1 May 77; End Date 30 Apr 78
Contract and/or Control No.: E24880

The project's purpose is to develop ten color video tapes of career opportunities available in Kentucky. Career opportunities in coal mining, medicine, ecology, energy, the mail system, building construction, law, television, trucking, and recreation will be featured in the tapes. Procedures will include producing television tapes, developing implementation guides, developing field testing strategy, and planning dissemination procedures.

SB002083

Workshop for Home Economics Occupational Teachers.
Project Director: Bardwell, Ann
Organization: Eastern Kentucky Univ., Richmond.
Funding Period: Start Date 1 May 77; End Date 31 Aug 77
Contract and/or Control No.: T6-8880

The purpose of this project is to provide occupational home economics teachers with learning experiences designed to increase their knowledge and skills in working with special needs students. Objectives for university faculty include developing a plan for meeting the preservice and inservice needs of home economics teachers and providing a model for preparing vocational education teachers to work with special needs students.

SB002084

Articulation Project for Allied Health.
Organization: Murray State Univ., Ky.
Contract and/or Control No.: 37-475-101-0

This project aims to establish and document a procedure by which students with technical certificates may receive college credit. Project staff will gather data and recommendations and conduct interviews with practitioners in professions chosen for this study: certified laboratory assistants, radiologic technologists, certified operating room technicians, and certified respiratory therapy technicians. Program essentials and procedures for crediting graduates of vocational technical health occupations programs will be specified.

SB002085 VTP-2652

The Mayfield Student Exchange Project in Industrial Arts and Vocational Exchange Programs (Continuation).
Project Director: Mathis, Walter
Organization: Mayfield Area Vocational Education Center, Ky.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This continuing project will be a cooperative effort to provide vocational center students the opportunity to study drafting at Mayfield High School and provide high school industrial arts students the opportunity to participate in vocational school industrial arts orientation and exploration classes in electricity, welding, and machine shop. The twenty-four weeks during which the exchange of students will take place will consist of three eight-week periods.

SB002086 VTP-2653

Mining and Reclamation Cooperative Education Program - Continuation.
Project Director: Kyle, George
Organization: Madisonville Community Coll., Ky.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This continuing program is designed to provide and coordinate cooperative learning experiences between the instructional programs and the mining industries of Region II, field test and document a cooperative education mining and reclamation experience program, and identify methods of sharing the expertise and facilities of Madisonville Community College and Madisonville State Vocational-Technical School.

SB002087 VTP-2654

Placement and Follow Up Model - Continuation.
Project Director: Gary, Bob
Organization: Kentucky Vocational Education Region 4, Bowling Green.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

In its second year, this project aims to produce an effective placement and follow-up system adaptable to local school, regional, or statewide use. Objectives include field testing the job placement and follow-up model in five selected high schools and the state supported vocational schools in Region Four; planning, developing, and implementing inservice activities for field testing the model; and evaluating the system and methods of implementation and making revisions accordingly.

SB002088 VTP-2655

Rowan County Experiential Field Consortium for Selective Vocational Programs - Continuation.
Project Director: Fannin, Jeannette
Organization: Rowan County Public School System, Morehead, Ky.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of this project is to create relevance between academic subjects and the world of work through utilization of existing institutions, agencies, and a wide range of community resources. The project will provide students with a systematic sampling of work conditions in a variety of occupational fields. Specific objectives include planning and organizing regular seminars; involving the school, community, and business in planning, implementation, and evaluation; and increasing student motivation and reducing the drop-out rate.

SB002089 VTP-2570

Exemplary Project in Competency-Based Engineering Technology.
Project Director: Bacon, Mary
Organization: Somerset Community Coll., Ky.
Funding Period: Start Date 1 Aug 76; End Date 30 Jun 77

This three-year project aims to establish a model for developing competency-based curriculum which includes both experiential and traditional learning. Project objectives include identifying broad and specific competencies for civil and electrical engineering programs, developing cooperative work stations to provide experiences for developing some competencies, producing modules to complement cooperative work experiences, and developing course outlines. A system will be established for granting students credit for prior experience or training.

SB002090 VTP-2508

The Development of an Instrument to Measure Student Attitudes Towards Competency-Based Individualized Modules of Instruction in Vocational-Technical Education.
Project Director: Thomas, John C.
Organization: Kentucky Univ., Lexington.
Funding Period: Start Date 1 May 76; End Date 30 Apr 77

This project will investigate the attitudes held by vocational education students toward instructional modules developed by the Curriculum Development Center for Kentucky. The objective of this study is to develop and validate an instrument to measure student attitudes toward competency-based education and the elements of the individualized instructional modules that were field tested during the 1975-1976 school year. A jury of experts will revise the instrument.

SB002091 VTP-2766

Development of A Model Research and Development Information Dissemination Program for the Kentucky Bureau of Vocational Education: Omnibus Plan (Continuation).
Project Director: Sims, E. Norman
Organization: Kentucky State Dept. of Education, Frankfort. Bureau of Vocational Education.
Funding Period: Start Date 1 Sep 76; End Date 30 Jun 77

Phase II will focus on planned expansions and field testing of the model of information utilization based on the Yovits and Ernst model. The goals are to develop programs of awareness and interest which will impact at the local and state levels, thereby establishing statewide research and development information dissemination programs which will include dissemination mini-grants, two mini-conferences, and an information dissemination hot line service.

SB002092 VTP-2651

Development of an Occupational Competency Verification Program for Vocational Teachers.
Project Director: Spillman, Robert
Organization: Kentucky State Dept. of Education, Frankfort. Bureau of Vocational Education.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of this project is to develop a system of occupational competence verification for vocational teachers in Kentucky. Specific objectives include revising the system of administering the National Occupational Competencies Testing Institute tests, administering the tests, identifying competency tests available in each area of vocational education, and securing these competency tests and determining their usefulness.

SB002093 VTP-2650

A Demonstration School Site Program in Vocational Education for Kentucky - Continuation.
Project Director: Sims, E. Norman
Organization: Kentucky State Dept. of Education, Frankfort. Bureau of Vocational Education.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The goal of the project is to develop a program which will identify innovative programs and practices in Kentucky vocational education for use as demonstration sites. The project seeks to establish procedures for implementing a model which will link local innovators to the client public. A fifteen-member task force from the Bureau of Vocational Education will develop program selection criteria. Programs will be nominated and selected, and sites will be prepared.

LOUISIANA

Part C

Fiscal Year 1971

SB002094 **VTP-556**

A Pilot Project for Training 12th Grade Students in the Nurse Aide Certificate Course.
Project Director: Adkins, Jerry A.
Organization: Morehouse Parish School Board, Bastrop, La.
Funding Period: Start Date 15 Jul 71; End Date 30 Jun 72

The project's objectives are to encourage senior students to enter the health occupations, organize a secondary training program in practical nursing, coordinate this training program with existing programs in postsecondary vocational technical education, and demonstrate the feasibility of starting secondary practical nursing programs in other high schools.

SB002095 **VTP-555**

A Demonstration Project for Occupational Orientation of Students in Grades 7 Through 12 Attending Schools in Grant and Winn Parishes.
Project Director: Bankston, Mixon
Organization: Grant Parish School Board, Colfax, La.
Funding Period: Start Date 15 Mar 72; End Date 30 Jun 75

The project's aims are to acquaint students in grades 7-12 with opportunities for employment in skilled jobs requiring vocational training and assist students in selecting appropriate vocational curricula which will enable them to successfully enter the world of work. Students will be tested for aptitude and interests in career opportunities and provided with a mobile van, staffed by a vocational counselor, containing reference material on careers.

SB002096 **VTP-554**

A Demonstration Project for Training in Electronics Data Processing.
Project Director: Gardner, James W.
Organization: Acadia Parish School Board, Crowley, La.
Funding Period: Start Date 15 Feb 72; End Date 15 Aug 72

The aim of this project is to develop a curriculum to train students of the Southwest Louisiana Vocational-Technical School and high schools of Acadia Parish for specific careers in electronic data processing and provide opportunity for business education students, especially disadvantaged, to obtain basic training in data preparation and use of data recording equipment. This will be accomplished through both on-the-job training and classroom instruction.

SB002097

A Study of the Aims and Needs of College Vocational Education Dropouts.
Organization: Louisiana Technological Univ., Ruston.

This project seeks to locate and determine the present status of Louisiana Technological University vocational education dropouts, determine their reasons for leaving, and obtain their opinions about what could have prevented their failure. Project objectives include obtaining information for the development of postsecondary and adult level vocational programs for those desiring training or retraining and developing criteria for identifying potential dropouts.

SB002098

Occupational Experiences of Louisiana High School Graduates.
Project Director: Curtis, Charlie M.
Organization: Louisiana State Univ., Baton Rouge. School of Vocational Education.
Funding Period: Start Date 10 Apr 72; End Date 31 Dec 73

This survey of a sampling of graduates over a ten-year period seeks to determine (1) their job-finding experiences; (2) locations of occupations, progress in occupations, and salaries or wages earned; (3) educational and occupational limitations; (4) relationships between occupations entered and held and high school training; and (5) influence of curricula (academic and vocational) on occupational experiences.

SB002099

Employment Status of Louisiana High School Cooperative Occupational Education Graduates of 1971.
Project Director: Curtis, Charlie M.
Organization: Louisiana State Univ., Baton Rouge. School of Vocational Education.
Funding Period: Start Date 10 Apr 72; End Date 30 Jun 73

Graduates trained in agricultural, distributive, home economics, or office occupations will receive questionnaires asking their employment statuses, job satisfaction, and salaries approximately one year after graduation. The objectives of the project are to determine problems encountered during the first year of employment and obtain information that will be useful to educational planners in adjusting high school programs to more realistically meet the needs of students.

SB002100

To Develop for Each Level of Career Education an Instructional Program in Agricultural Education.
Project Director: Atherton, J. C.
Organization: Louisiana State Univ., Baton Rouge. School of Vocational Education.
Funding Period: Start Date 10 Apr 72; End Date 30 Jun 73

Objectives of this project include identifying the areas of career education in which the agricultural teacher will work, identifying the overall purpose of agricultural education in career education, and identifying the desired student outcomes. A two-week workshop will be conducted for selected vocational agriculture teachers and supervisory and teacher education personnel.

SB002101

A Demonstration Project for Occupational Orientation of Students in Grades 8, 9, and 10 Attending Lafayette Parish Schools.
Project Director: Arceneaux, Robert M.
Organization: Lafayette Parish School Board, La.
Funding Period: Start Date 14 Jul 72; End Date 13 Jul 73

Objectives of this career exploration project are to provide selected students in grades 8-10 the opportunity to explore six general cluster occupational areas and instill an appreciation of the importance of these trades and the personal happiness and economic security attainable. Approximately sixty students will experience a wide range of learning activities, including field trips, guest speakers, and simulated job experiences.

SB002102

Normative Survey in Career Development for the Handicapped.
Organization: Lafayette Parish School Board, La.

Descriptive information unavailable.

SB002103

A Research Project in Cooperative Career Education Programs.
Organization: East Baton Rouge Parish School Board, La.

Descriptive information unavailable.

SB002104 VTP-806

Preliminary Planning Study for Establishment of Career Opportunity Community Colleges in Greater New Orleans Area.
Project Director: Colbert, Charles
Organization: Peat, Marwick, Mitchell, and Co., Houston, Tex.
Funding Period: Start Date 26 Jun 72; End Date 31 Dec 72

This project will document the need for a career opportunity community college system. Proposals for such a system will be evaluated, and locations, size, and a general instructional program for each facility will be recommended. Information regarding costs for the first ten years, identification of alternative approaches to administration, and preparation of an implementation plan will be presented.

SB002105 VTP-609

Computer Based Data System for Vocational Career Guidance.
Project Director: O'Dowd, John E., Jr.
Organization: Orleans Parish School Board, New Orleans, La.
Funding Period: Start Date 13 Sep 71; End Date 30 Jun 72

This project will design and construct data bases to identify existing and projected employment opportunities to assist in planning vocational education programs and related placement activities, reflect student characteristics, and analyze job characteristics as they relate to student characteristics. The data bases will be acceptable to the New Orleans Public Schools Computer Center.

Fiscal Year 1972

SB002106

A Demonstration Project for Training in Electronics Data Processing.
Project Director: Gardner, James W.
Organization: Acadia Parish School Board, Crowley, La.
Funding Period: Start Date 15 Feb 72; End Date 15 Aug 72

The aim of this project is to develop a curriculum to train students of the Southwest Louisiana Vocational-Technical School and high schools of Acadia Parish for specific careers in electronic data processing and provide opportunity for business education students, especially disadvantaged, to obtain basic training in data preparation and use of data recording equipment. This will be accomplished through both on-the-job training and classroom instruction.

SB002107

To Develop for Each Level of Career Education an Instructional Program in Agricultural Education.
Project Director: Atherton, J. C.
Organization: Louisiana State Univ., Baton Rouge. School of Vocational Education.
Funding Period: Start Date 4 Apr 72; End Date 30 Jun 73

Objectives for this program development project include identifying the areas of career education in which the agricultural teacher will work, identifying the overall purpose of agricultural education in career education, and identifying the desired student outcomes. A two-week workshop will be conducted for selected vocational agriculture teachers and supervisory and teacher education personnel.

SB002108

A Research Project in Cooperative Career Education Programs.
Organization: East Baton Rouge Parish School Board, La.

Descriptive information unavailable.

SB002109

Research and Development Project in Career Education.
Organization: Lafayette Parish School Board, La.

This evaluation project aims to establish a closed feedback loop system that allows project personnel to use the evaluation process in decision-making procedures related to project operation. Activities will include assessing appropriateness of project objectives, structuring evaluation instruments, visiting sites, collecting data, analyzing data, and writing the evaluation report.

SB002110

Research and Development Project in Career Education.
Organization: Calcasieu Parish School Board, Lake Charles, La.

This evaluation project aims to establish a closed feedback loop system that allows project personnel to use the evaluation process in decision-making procedures related to project operation. Activities will include assessing appropriateness of project objectives, structuring evaluation instruments, visiting sites, collecting data, analyzing data, and writing the evaluation report.

Fiscal Year 1973

SB002111

Louisiana Occupational Training Information System Consortium (LOTIS).
Project Director: Michael, James
Organization: Louisiana Tech Univ., Ruston. Coll. of Administration and Business.

The purpose of this project is to establish and maintain an occupational training information data base for Louisiana and its eight planning districts.

SB002112

Research and Development Project in Career Education.
Organization: Lafayette Parish School Board, La.

This evaluation project aims to establish a closed feedback loop system that allows project personnel to use the evaluation process in decision-making procedures related to project operation. Activities will include assessing appropriateness of project objectives, structuring evaluation instruments, visiting sites, collecting data, analyzing data, and writing the evaluation report.

SB002113

Research and Development Project in Career Education.
Organization: Calcasieu Parish School Board, Lake Charles, La.

This evaluation project aims to establish a closed feedback loop system that allows project personnel to use the evaluation process in decision-making procedures related to project operation. Activities will include assessing appropriateness of project objectives, structuring evaluation instruments, visiting sites, collecting data, analyzing data, and writing the evaluation report.

Fiscal Year 1974

SB002114 VTP-1390

A Comprehensive Follow-Up System of Louisiana's Vocational Education Students Who Have Completed Training or Left with Marketable Skills.
Project Director: Smith, Charles W.
Organization: Louisiana State Univ., Baton Rouge. School of Vocational Education.
Funding Period: Start Date 15 Mar 74; End Date 14 Mar 75

The project will design a system for collecting follow-up information on vocational students in Louisiana, and another system for storing and retrieving follow-up information. Collection of data, its processing, storage, and retrieval will be field tested and perfected for application in a state-wide program.

SB002115

Louisiana Occupational Training Information System Consortium (LOTIS).
Project Director: Michael, James
Organization: Louisiana Tech Univ., Ruston. Coll. of Administration and Business.

This continuation project will establish and maintain an occupational training information data base for Louisiana and its eight planning districts.

Fiscal Year 1975

SB002116

Louisiana Occupational Training Information System Consortium (LOTIS)--Phase II.
Project Director: Michael, James
Organization: Louisiana Tech Univ., Ruston. Coll. of Administration and Business.

This continuation project will establish and maintain an occupational training information data base for Louisiana and its eight planning districts.

SB002117

Secondary and Post Secondary Preparatory Education Program and Supplemental Courses for Dietetic Assistants and Dietetic Personnel.
Organization: Jefferson Parish Vocational-Technical School, Gretna, La.

The Dietetic Assistant Program will provide health care facilities and other institutions with trained personnel to extend the services of professional dietitians, Supplemental courses are designed to upgrade the level of competence and efficiency. The program will enable students to exhibit greater leadership ability and demonstrate greater knowledge and skill in writing diets, relating diets to total patient care, and providing quality food.

SB002118

Demonstration Program in Vocational Agriculture for 7th and 8th Grades.
Organization: Saint Tammany Parish School Board, Covington, La.

This project will study the need to finance, develop, and maintain vocational exploratory programs at the seventh and eighth grade levels. Basic and exploratory instruction will be provided in soil science, animal science, plant science, farm mechanics, orientation and supervised work program, agricultural leadership (provided by Future Farmers of America), and occupational information.

SB002119

A Demonstration Project for Evaluating the Effectiveness of a Vocational Home Economics Program for Students in Seventh and Eighth Grades.
Organization: Saint Tammany Parish School Board, Covington, La.

The purpose of the project is to demonstrate that participation in a vocational home economics program at seventh and eighth grade levels will directly affect the interest and value to students of vocational education experiences. Issues which the project will address include program enrollment; dropout rate; service to the disadvantaged; and attraction of participants to consumer, homemaking, and occupational classes for adults and out-of-school youth.

Fiscal Year 1976

SB002120

Goal Definitions for Vocational/Technical Education Programs in Louisiana.
Project Director: Hembel, Sharri
Organization: Loyola Univ., New Orleans, La.
Funding Period: Start Date 1 Oct 75; End Date 30 Sep 7[illegible]

This project will study the perceived goals of the decisio[illegible]king population for the secondary and postsecondary vocational an[illegible]chnical and adult education system in Louisiana and indicate conse[illegible]s among different decision-making populations. Objectives will [illegible]e derived for making curricular decisions and developing evalua[illegible]e procedures. The assessment will determine the public charge for education to assure equality of education and uniformity of educational objectives.

SB002121

Louisiana Occupational Training Information System Consortium (LOTIS). Phase III.
Project Director: Michael, James
Organization: Louisiana Tech Univ., Ruston. Coll. of Administration and Business.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This continuation project will establish and maintain an occupational training information base for Louisiana and its eight planning districts. Phase III data will be a beginning inventory of employment demand for vocationally or technically trained persons which will be updated on a revolving basis.

SB002122

Assessing Facility Needs and Planning for Implementation of a Career Development Center in Avoyelles Parish.
Organization: Avoyelles Parish School Board, Marksville, La.

In this project, administrators and board members will, as part of the objective, (1) consider all facts presented by local principals and board members concerning facilities and curricula, (2) make onsite visitations to exemplary school systems, (3) obtain ideas from board members and principals of all local high schools, (4) research the theory and practice of career development centers, and (5) consider programs that will provide vocational training opportunities for adults in the community.

SB002123

The Implication of Mastery Learning in Industrial Arts.
Project Director: Franceski, Mary Dell T.
Organization: Plaquemines Parish School Board, Pointe-a-la-Hache, La.
Funding Period: Start Date 1 Oct 76; End Date 30 Aug 77

The purpose of the project for approximately 150 students in grades 8-10 is to test experimentally the ability to generalize mastery learning research findings to vocational education. Project staff will plan, develop, implement, and evaluate on a pilot basis an instructional module and criterion-referenced tests concerning a secondary level course entitled "The World of Construction." Specific objectives will include training staff personnel, developing measuring instruments, and implementing and monitoring the module.

SB002124

Louisiana Occupational Training Information System Consortium (LOTIS). Phase IV.
Project Director: Michael, James
Organization: Louisiana Tech Univ., Ruston. Coll. of Administration and Business.

This continuation project will establish and maintain an occupational training information data base for Louisiana and its eight planning districts.

SB002125

Occupational Home Economics Curriculum Expansion Program.
Project Director: Kapp, Ann B.
Organization: Northeast Louisiana Univ., Monroe. Dept. of Home Economics.
Funding Period: Start Date 1 Jan 77; End Date 30 Jun 77

The objectives of this program are to plan for at least five new occupational programs and create interest in both teachers and administrators for secondary level occupational course work. Inservice and preservice teachers will participate in a semester course and a three-week summer workshop. Course activities will include collecting resource materials, surveying communities for occupational needs, establishing program needs, surveying students and parents, and visiting ongoing programs.

SB002126

Opportunities and Directions of the Vocational Home Economics Program as Perceived by Louisiana School Superintendents.

Project Director: Knickerbocker, Addie H.
Organization: Louisiana Technological Univ., Ruston. Coll. of Home Economics.
Funding Period: Start Date 1 Jun 77; End Date 15 Jul 77

The purpose of this project is to obtain information concerning vocational home economics programs in Louisiana with implications for preservice and inservice training of teachers. Objectives will include gathering information from superintendents by mailing questionnaires and by taping interviews with fifteen respondents, randomly selected on the basis of geographic location; obtaining statistics and reasons for vacancies for vocational home economics teachers; and collecting data from administrators concerning teacher certification.

SB002127

Curriculum Revision of Occupational Programs in Radio and Television Servicing.
Project Director: Muns, Nedom
Organization: Northwestern State Univ., Natchitoches, La. Dept. of Industrial Education and Technology.
Funding Period: Start Date 1 Jun 77; End Date 5 Aug 77

The purpose of the project is to evaluate and revise the curriculum of programs in radio and television servicing conducted by vocational and technical schools by considering licensing requirements, implications of recent research regarding content and learning approach, comparisons to similar programs in other states, industry recommendations, and existing educational software and hardware. The goal is to develop a uniform procedure for periodic evaluation and revision of curriculum content.

SB002128

Developing Materials for Assisting Trainees To Develop Employment Seeking Skills.
Organization: Louisiana State Univ., Baton Rouge.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77

The aim of this project is to provide vocational educators and guidance counselors with instructional materials for teaching employment-seeking skills. Objectives will include searching for and reviewing available materials, preparing needed aids, developing a teaching module format, developing modules on seeking employment, field testing educational materials and evaluating the results, and disseminating materials.

SB002129

Curriculum Development for Teachers of Home Economics Related Occupations.
Project Director: Jolley, Margaret V.
Organization: Nicholls State Univ., Thibodaux, La.
Funding Period: Start Date 1 Nov 76; End Date 30 Jun 77

The purpose of the project is to plan a preservice, competency-based curriculum for teachers of home economics-related occupations. Specific objectives will include developing a list, using the systems approach, of competencies and criteria needed by home economics occupations teachers; surveying administrators of all home economics occupational programs in Louisiana to evaluate the list of competencies and criteria; and evaluating the present home economics teacher education curriculum at Nicholls State University.

SB002130

A Criminal Justice Education and Action Project for Unions.
Organization: Loyola Univ., New Orleans, La. Inst. of Human Relations.

The aims of this project are to educate rank-and-file union members in seven metropolitan areas concerning the operation of the criminal justice system–its procedures, problems, successes, and dilemmas–and establish a system whereby juvenile offenders will be referred by juvenile courts to training programs already operated by the unions to provide young offenders with marketable skills. Project counselors will follow up with job placement assistance.

Fiscal Year 1977

SB002131

The Implication of Mastery Learning in Industrial Arts.
Project Director: Franceski, Mary Dell T.
Organization: Plaquemines Parish School Board, Pointe-a-la-Hache, La.
Funding Period: Start Date 1 Oct 76; End Date 30 Aug 77

The purpose of the project for approximately 150 students in grades 8-10 is to test experimentally the ability to generalize mastery learning research findings to vocational education. Project staff will plan, develop, implement, and evaluate on a pilot basis an instructional module and criterion-referenced tests concerning a secondary level course entitled "The World of Construction." Specific objectives will include training staff personnel, developing measuring instruments, and implementing and monitoring the module.

SB002132

Truck Farming as a Component of the Vocational Curriculum: A Feasibility Program.
Organization: Red River Parish School Board, Coushatta, La.

Descriptive information unavailable.

SB002133

Effects of Testwiseness on Performance of Vocational Education Students on the DAT and GATB.
Organization: Saint Bernard Parish Schools, Chalmette, La.

Descriptive information unavailable.

SB002134

Determining Needs for Vocational Training for Marine Industrial Occupations.
Organization: Young Memorial Vocational Technical School, Morgan City, La.

Descriptive information unavailable.

SB002135

Developing Materials for Assisting Trainees To Develop Employment Seeking Skills.
Organization: Louisiana State Univ., Baton Rouge.
Funding Period: Start Date 1 Oct 77; End Date 30 Sep 78

The aim of this project is to provide vocational educators and guidance counselors with instructional materials for teaching employment-seeking skills. Objectives will include searching for and reviewing available materials, preparing needed aids, developing a teaching module format, developing modules on seeking employment, field testing educational materials and evaluating the results, and disseminating materials.

SB002136

Louisiana Occupational Training Information System Consortium (LOTIS). Phase IV.
Project Director: Michael, James
Organization: Louisiana Tech Univ., Ruston. Coll. of Administration and Business.

This continuation project will establish and maintain an occupational training information data base for Louisiana and its eight planning districts.

SB002137

Opportunities and Directions of the Vocational Home Economics Program as Perceived by Louisiana School Superintendents.
Project Director: Knickerbocker, Addie H.
Organization: Louisiana Technological Univ., Ruston. Coll. of Home Economics.
Funding Period: Start Date 1 Jun 77; End Date 15 Jul 77

The purpose of this project is to obtain information concerning vocational home economics programs in Louisiana with implications for preservice and inservice training of teachers. Objectives will include gathering information from superintendents by mailing questionnaires and by taping interviews with fifteen respondents, randomly selected on the basis of geographic location; obtaining statistics and reasons for vacancies for vocational home economics teachers; and collecting data from administrators concerning teacher certification.

SB002138

A Criminal Justice Education and Action Project for Unions.
Organization: Loyola Univ., New Orleans, La. Inst. of Human Relations.

The aims of this project are to educate rank-and-file union members in seven metropolitan areas concerning the operation of the criminal justice system–its procedures, problems, successes, and dilemmas–and establish a system whereby juvenile offenders will be referred by juvenile courts to training programs already operated by the unions to provide young offenders with marketable skills. Project counselors will follow up with job placement assistance.

SB002139

Curriculum Development for Teachers of Home Economics Related Occupations.
Project Director: Jolley, Margaret V.
Organization: Nicholls State Univ., Thibodaux, La.
Funding Period: Start Date 1 Nov 76; End Date 30 Jun 77

The purpose of the project is to plan a preservice, competency-based curriculum for teachers of home economics-related occupations. Specific objectives will include developing a list, using the systems approach, of competencies and criteria needed by home economics occupations teachers; surveying administrators of all home economics occupational programs in Louisiana to evaluate the list of competencies and criteria; and evaluating the present home economics teacher education curriculum at Nicholls State University.

SB002140

Occupational Home Economics Curriculum Expansion Program.
Project Director: Kapp, Ann B.
Organization: Northeast Louisiana Univ., Monroe. Dept. of Home Economics.
Funding Period: Start Date 1 Jun 77; End Date 30 Jun 77

The objectives of this program are to plan for at least five new occupational programs and create interest in both teachers and administrators for secondary level occupational course work. Inservice and preservice teachers will participate in a semester course and a three-week summer workshop. Course activities will include collecting resource materials, surveying communities for occupational needs, establishing program needs, surveying students and parents, and visiting ongoing programs.

SB002141

Curriculum Revision of Occupational Programs in Radio and Television Servicing.
Project Director: Muns, Nedom
Organization: Northwestern State Univ., Natchitoches, La. Dept. of Industrial Education and Technology.
Funding Period: Start Date 1 Jun 77; End Date 5 Aug 77

The purpose of the project is to evaluate and revise the curriculum of programs in radio and television servicing conducted by vocational and technical schools by considering licensing requirements, implications of recent research regarding content and learning approach, comparisons to similar programs in other states, industry recommendations, and existing educational software and hardware. The goal is to develop a uniform procedure for periodic evaluation and revision of curriculum content.

Part D

Fiscal Year 1970

SB002142

Vocational Information Techniques Applied Locally (VITAL).
Organization: East Baton Rouge Parish School District, La.

Project VITAL includes in its objectives (1) providing meaningful career information to secondary students in nine regional parishes, (2) developing vocational placement communication lines, (3) improving the effectiveness of counselors as vocational facilitators, and (4) providing the VITAL center and other educational institutions with data about new technical and vocational fields and other occupational information for which programs and curricula may be developed.

Fiscal Year 1971

SB002143

Vocational Information Techniques Applied Locally (VITAL).
Organization: East Baton Rouge Parish School District, La.

Project VITAL includes in its objectives (1) providing meaningful career information to secondary students in nine regional parishes, (2) developing vocational placement communication lines, (3) improving the effectiveness of counselors as vocational facilitators, and (4) providing the VITAL center and other educational institutions with data about new technical and vocational fields and other occupational information for which programs and curricula may be developed.

SB002144

Synopsis of the Exemplary Program: A Pilot Abbreviated Subsidized Work Study Program Ouachita Parish High School.
Project Director: Bacle, Louise L.
Organization: Ouachita Parish School Board, Monroe, La.

Emphasis for this project will be on establishing a periodic testing program to determine changes in students and evaluating the consistency of the overall objectives. A revision of the original work-study program, the program will include grades 10- 12. Sophomores will attend one vocational class each day and work on campus two periods for credit. In grade 11, students will be placed on subsidized work stations.

SB002145

Curriculum Enrichment Through Developing a Centralized Vocational Agriculture Laboratory.
Project Director: Madden, Rupert G.
Organization: Bossier Parish School Board, Benton, La.
Funding Period: Start Date 1 Jul 71; End Date 1 Jul 74

The purpose of this project is to develop a centralized vocational agriculture laboratory to serve three high schools. It intends to give educationally deprived students and potential dropouts practical experiences that enhance academic learning and have them operate a small farm. Specific objectives for the students will include planting, cultivating, and harvesting row crops and a garden plot; raising and selling cattle; and operating a cooperative catfish farm.

Fiscal Year 1972

SB002146

Enrichment Program for Learning and Study Skills.
Organization: Louisiana State Dept. of Education, Baton Rouge. Div. of Vocational Education.

Staff from the school boards of Concordia, East Baton Rouge, Terrebonne, St. Landry, and St. Tammany parishes will use audiovisual materials to develop seven learning centers which will help students develop learning techniques and effective study habits. The course will include materials for a five-lesson presentation which will teach associative learning techniques and study skills.

SB002147

An Orientation Program for Vocational Education.
Project Director: Camp, Henry
Organization: Ouachita Parish School Board, Monroe, La.
Funding Period: Start Date 1 Jan 72; End Date 31 Jan 75

The project intends to provide an orientation program, the specific objectives of which are to prepare students for occupation selection, develop career awareness, provide occupational information, make onsite observations of specific occupations, and develop the concept of desirable employer-employee relationships. Program participants will be selected from disadvantaged students and others who have not yet made a career choice.

SB002148

Career Development of Youth for the World of Work.
Project Director: Love, Eugene F.

Organization: Winn Parish School Board, Winnfield, La.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

This project is designed to provide junior high students the experiences and knowledge that will help them make appropriate educational and occupational choices. The three major phases of the program will provide group and individual guidance, allow students to participate in concrete work activities that provide experiences in various occupational settings, and provide students bases for career decision making.

Fiscal Year 1973

SB002149

Career Development of Youth for the World of Work.
Project Director: Love, Eugene F.
Organization: Winn Parish School Board, Winnfield, La.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project is designed to provide junior high students the experiences and knowledge that will help them make appropriate educational and occupational choices. The three major phases of the program will provide group and individual guidance, allow students to participate in concrete work activities that provide experiences in various occupational settings, and provide students bases for career decision making.

SB002150

Development of Interest-Based Curriculum.
Organization: Natchitoches Parish School Board, La.

Descriptive information unavailable.

SB002151

Marine Educational Television Project.
Project Director: Block, Richard A.
Organization: Young Memorial Vocational-Technical School, Morgan City, La.

This project intends to prepare instructional videotape recordings of each Marine Department course offering for men who are studying for U.S. Coast Guard licenses and other courses offered by the Young Memorial Vocational-Technical School and assist industry to satisfy its educational requirements and responsibilities. It seeks to increase its effectiveness in retraining operating personnel in the marine transportation segment of the off-shore oil industry.

Fiscal Year 1974

SB002152

Continuous Health Service Education.
Project Director: Upshaw, Elva
Organization: Union Parish School Board, Farmerville, La.
Funding Period: Start Date 14 Jun 74; End Date 14 Jun 76

The purpose of this project is to develop and implement a sequential health services education program that will train students in specific job entry skills. The program will be mobile and moved to a different participating parish school every six weeks. Local doctors and nursing home directors will participate in the program implementation.

SB002153 VTP-1389

A Follow-Up Program for High School Graduates in the Vocational Fields.
Project Director: Judd, Thomas G.
Organization: Lincoln Parish School Board, Ruston, La.
Funding Period: Start Date 1 May 74; End Date 30 Jun 76

In this project, data will be gathered from employed graduates of the vocational schools in Lincoln Parish. The data will be analyzed by a project supervisor and a report presented to the vocational school staff and the local school board. The data will be used to insure that the graduate-employee is competent in the skills required by the job he undertakes.

SB002154 VTP-1388

Mobile Exploratory Unit for Vocational Development.
Project Director: Soileau, James V.
Organization: East Feliciana Parish School Board, Clinton, La.
Funding Period: Start Date 15 May 74; End Date 30 Jun 76

This project will employ a mobile unit to acquaint 655 seventh and eighth grade students in seven schools with the world of work. Among the concepts to be taught are: how decisions made now will affect careers and lives later, that obtaining employability skills is necessary, and that certain occupations encourage a certain social and economic expectation. Students will develop occupational research skills.

Fiscal Year 1975

SB002155

Job Placement Center.
Project Director: O'Dowd, John K., Jr.
Organization: Orleans Parish School Board, New Orleans, La.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 77

The objectives of this project are to provide a job placement center for vocational education students in the New Orleans Public Schools and establish within that center the necessary components to be an effective placement bureau for present and former vocational education students. Procedures will include establishing a job informational matrix to relate to the skills and preparation of students for job placement and establishing a method for following up all students placed.

Fiscal Year 1976

SB002156

Cooperative Training and Placement Program.
Organization: East Baton Rouge Parish School Board, La.

Descriptive information unavailable.

SB002157

Agricultural Career Awareness Program.
Project Director: Simmons, W. G.
Organization: Sabine Parish School Board, Many, La.

This project seeks to develop broad occupational orientation at the elementary and secondary levels, improve and expand the agriculture curriculum, inform disadvantaged students of work opportunities, inform students of the types of jobs in their local parishes, and build public relations. Selected agriculture students in each of the seven high schools will show filmstrips; use posters, write-ups, and films; and make talks about various agriculture jobs to grades 4-12.

SB002158

Pre-Technical Electricity/Electronics.
Organization: Landry Parish Schools, Opelousas, La.

The major goal of this course is to give students an opportunity to explore the field of electricity/electronics. The course will include soldering, printed circuit boards, electricity, and information about electricity/electronics occupations. The program will tour seven schools and reach 262 students in grades 8-9.

Fiscal Year 1977

SB002159

Photography.
Organization: East Baton Rouge Parish School Board, La.

Descriptive information unavailable.

SB002160

Compentency Based Goals and Performance Objectives in Home Economics.
Project Director: Wheat, Helen N.

Organization: Natchitoches Parish School Board, La.

The purpose of this project is to identify compentency-based goals and performance objectives in home economics. Funding for the project will enable purchase of materials and payment of staff.

SB002161

Industrial Maintenance Mechanics.
Organization: Sullivan Vocational-Technical School, Bogalusa, La.

Descriptive information unavailable.

SB002162

Opportunities for Women: Exemplary Workshop for High School Seniors.
Organization: Louisiana Technological Univ., Ruston.

Descriptive information unavailable.

SB002163

A Career Education Program in Industrial Arts Teachers Education for High School Seniors.
Organization: Northwestern State Univ., Natchitoches, La.

Descriptive information unavailable.

SB002164

Careers in Technology: A Summer Course.
Organization: Northwestern State Univ., Natchitoches, La.

Descriptive information unavailable.

SB002165

Cooperative Job Placement Feasibility Study.
Organization: University of Southwestern Louisiana, Lafayette.

Descriptive information unavailable.

MAINE

Part C

Fiscal Year 1971

SB002166

Career Resource Center.
Project Director: Muzzy, E. D.
Organization: School Administrative District 9, Farmington, Maine.
Funding Period: Start Date 1 Sep 71; End Date 30 Jun 73

This project intends to improve the availability of career information based upon local conditions within the areas serviced by the Foster Vocational Center. The objectives of the Career Resource Center project are to develop a system for the preparation and dissemination of current, relevant, and accessible career information and establish a procedure by which this information will be made available to, and utilized by, students of schools in the area.

SB002167

Accelerated Typewriting Program in the High School Through the Use of Homework.
Project Director: Boterf, Retha B.
Organization: Waterville School Dept., Maine.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73
Contract and/or Control No.: 22

The purpose of this project is to compress a traditional two-year typewriting program into one and one-half years. This will be accomplished through the use of home study activities designed to accelerate the acquisition of basic typewriting skills with progress toward advanced typewriting skills including typewriting of letters, tabulations, and statistical reports. This project will also determine if students in an experimental group exposed to supplemental home study activities will differ from students in control groups.

SB002168 **VTP-761**

An Evaluation of the Effects of a Planned Career Education Program for Grades 7, 8, 9, 10 Students and Parents in a Rural Area.
Project Director: Hammond, Robert R.
Organization: Narraguagus High School, Harrington, Maine.
Funding Period: Start Date 1 Aug 72; End Date 30 Jun 73

The objectives of this project are for students in grades 7-10 to explore and identify occupations related to the home, family, and local community, and explore personal aptitudes, interests and abilities as they relate to career choices. The project will provide career education through use of field trips, community resources, group guidance sessions, and occupational interest surveys.

SB002169

Development of Selection Criteria for Selected Regional Vocational-Technical High School Training Programs.
Project Director: Skaggs, C. Thomas
Organization: Maine Univ., Orono. Office of Student Affairs.
Funding Period: Start Date 1 Jun 72; End Date 31 Jul 73

The purpose of this project is to improve the abilities of persons responsible for the selection and guidance of students applying for admission to a regional vocational and technical high school. A survey of the literature relating to success in vocational programs will be conducted, and variables which appear to have predicative value will be selected. From these variables, an optimum set will be determined by cooperating school personnel actively participating in this applied research project. The results of the study will be disseminated to the professional audience.

SB002170

Project PACE (Program to Advance Career Education).
Project Director: Schmidt, Frank M.
Organization: Portland Public Schools, Maine.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

This project will compare the effectiveness of the present special education career program with a program integrating similar students into the regular industrial arts and vocational education department. The objectives of this project are to develop a prevocationally oriented curriculum for junior high special education students, increase prevocational skills through the teaching of basic work concepts, and compare the performance of this prevocationally directed class to the present traditional classes.

SB002171

Career Development Outreach Program.
Project Director: Thielen, Thomas B.
Organization: Maine Univ., Farmington.
Funding Period: Start Date 1 Jun 72; End Date 31 May 73

By using the staff and facilities of the Center for Educational and Career Development, this project seeks to (1) provide a career guidance resource center for the nonschool population of Franklin County and students of the University of Maine at Farmington (UMF), (2) expand the knowledge and expectations of the target population in relation to career development, (3) involve college students in meaningful community service projects, and (4) expand the materials and use of the Center's Career Library.

SB002172 **VTP-792**

Westbrook Educates for Business (WEB).
Project Director: Conners, Doris R.
Organization: Westbrook Regional Technical Vocational Center, Maine.
Funding Period: Start Date 15 Sep 72; End Date 15 Jun 73

The objective of this project is to provide a program in typewriting in which the students will be able to learn and progress at their own rates. One typewriting room will be converted to a laboratory which will accommodate a multimedia typing program, and the present business education laboratory will be modified to a simulated office.

Fiscal Year 1972

SB002173

Survey Instrument and Techniques for Follow Up Evaluations.
Project Director: Burgess, Hollis T.
Organization: Northern Maine Vocational Technical Inst., Presque Isle.
Funding Period: Start Date 1 May 72; End Date 30 Apr 73

The goals of this project include developing a formal technique for surveying occupational graduates and their employers; interpreting and analyzing the feedback data with teachers at Northern Maine Vocational Technical Institute to judge the effectiveness of present occupational programs; and disseminating the survey technique for use by secondary vocational, vocational and technical institute, and state department personnel.

SB002174

Diagnostic Aids for Guidance and Counseling at the VTIs.
Project Director: Kouyoumjian, Walter

Organization: Northern Maine Vocational Technical Inst., Presque Isle.
Funding Period: Start Date 19 May 72; End Date 20 Dec 73
Contract and/or Control No.: 14

This project will develop a model test battery to be used with entering students and will attempt to establish its validity in key areas of curricular change, teaching efficiency, remediation, and career counseling. The objectives of the project include identifying, selecting, and compiling a battery of vocationally oriented standardized tests and administering the tests to two sequential classes of incoming freshmen.

SB002175

Survey of Vocational Education Needs of Southern Penobscot County.
Project Director: Vose, George
Organization: Bangor City School Dept., Maine.
Funding Period: Start Date 15 May 72; End Date 7 Jul 73

By surveying employers, students, and parents in the Southern Penobscot area, this project will seek to determine the training and job skills needed by employers, the vocational needs and interests of students, and what parents think is needed in the area of vocational education. Procedures will include mailing questionnaires to area employers, parents, and students, and conducting follow-up interviews of 200 selected employers.

SB002176

Development of Selection Criteria for Selected Regional Vocational-Technical High School Training Programs.
Project Director: Skaggs, C. Thomas
Organization: Maine Univ., Orono. Office of Student Affairs.
Funding Period: Start Date 1 Jun 72; End Date 31 Jul 73

The purpose of this project is to improve the abilities of persons responsible for the selection and guidance of students applying for admission to a regional vocational and technical high school. A survey of the literature relating to success in vocational programs will be conducted, and variables which appear to have predictive value will be selected. From these variables, an optimum set will be determined by cooperating school personnel actively participating in this applied research project. The results of the study will be disseminated to the professional audience.

SB002177 **VTP-844**

Supportive Services for Vocational Education Students.
Project Director: Hall, Clifton E.
Organization: Lake Region Regional Technical Vocational Center, Bridgton, Maine.
Funding Period: Start Date 1 Nov 72; End Date 30 Jun 75

Project objectives are to provide designed language arts and mathematics remedial programs for enrolling or presently enrolled prevocational and vocational students, provide career development, and disseminate information to the feeder schools. New courses, individualized screening, programming, and treatments will be developed.

Fiscal Year 1973

SB002178

Influences in Career Development of the Elementary School Child.
Project Director: Ryan, Charles W.
Organization: Maine Univ., Orono. Coll. of Education.
Funding Period: Start Date 1 Apr 73; End Date 30 Jun 73

The purpose of this study is to determine if a significant correlation exists between the racial and sex stereotyping of occupations as presented in elementary reading materials and the perception of racial and sex-related occupations as expressed by the children and determine the type and nature of occupations treated in elementary reading material and students' occupational anticipations. Procedures will include analyzing the reading material available in school libraries and classrooms for evidence of occupational racial and sex bias.

SB002179

PACE (Program to Advance Career Education).
Project Director: Schmidt, Frank M.
Organization: Portland Public Schools, Maine.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

During this year of funding, the purpose of this project is to offer a curriculum especially tailored to the mentally retarded students who will attend vocational education classes. The specific objectives include developing a prevocational curriculum for slow learners at Portland High School as a continuation and expansion of the previously developed junior high school program and determining the effect of the experimental curriculum on high school students regarding attendance, dropout rate, academic performance, and teacher attitude.

SB002180 **VTP-1100**

The Self-Directed Career Program as a Tool for Presenting Career Information to Ninth Grade Students.
Project Director: Vose, George
Organization: Bangor School Dept., Maine.
Funding Period: Start Date 1 Oct 73; End Date 30 Apr 74

The purpose of the project is to find instruments and procedures which will provide career information to ninth grade students and require a minimum amount of counselor time. Approximately 500 students from three junior high schools will be involved in the project. Two of the schools will receive special materials, and the third will be a control group. Pre- and posttests will be given.

SB002181

National Instructional Television Career Education. Phase I.
Project Director: Ryan, Charles W.
Organization: Maine Univ., Orono. Coll. of Education.

Maine is one of thirty-four members of a consortium involved in planning, developing, producing, and purchasing a career education package, "Bread and Butterflies." The program components consist of a series of fifteen color television programs for nine- to twelve-year-old children, a teacher's curriculum guide, a twenty-minute teacher inservice color television program, a fifteen-minute color television program for the general public and educators, and materials for workshop leaders.

SB002182 **VTP-1101**

Westbrook Educates for Business (WEB).
Project Director: Carll, James E.
Organization: Westbrook Regional Technical Vocational Center, Maine.
Funding Period: Start Date 4 Sep 73; End Date 14 Jun 74

This project is designed to provide a program in typewriting in which students will be able to learn and progress at their own rates. The project will also provide a word processing program within the simulated office laboratory in which students will be able to learn to apply their previously developed manipulative skills within the framework of word processing.

Fiscal Year 1974

SB002183 **VTP-1241**

The Effects of Selected Instructional Strategies on Learning Efficiency in Vocational-Technical Education Programs.
Project Director: Drummond, Robert
Organization: Maine Univ., Orono.
Funding Period: Start Date 1 Jan 74; End Date 30 Jun 74

The objectives of this project are to conduct an extensive search for information related to instructional methodology and principles of learning as applied to vocational and technical education and compile the information into a teacher's manual. An experimental investigation which would determine the relative effectiveness of selected teaching strategies will be conducted, and instructional packages will be developed.

SB002184

National Instructional Television Career Education. Phase II.
Project Director: Ryan, Charles W.
Organization: Maine Univ., Orono. Coll. of Education.
Funding Period: Start Date 1 Jul 74; End Date 30 Sep 74
Contract and/or Control No.: 75-95-506-74

Maine is one of thirty-four members of a consortium involved in planning, developing, producing, and purchasing a career education package, "Bread and Butterflies." The program components consist of a series of fifteen color television programs for nine- to twelve-year-old children, a teacher's curriculum guide, a twenty-minute teacher inservice color television program, a fifteen-minute color television program for the general public and educators, and materials for workshop leaders.

SB002185 VTP-1505

Student Characteristics and Success in Selected Vocational-Technical Training Programs: Extended Analysis and Interpretation.
Project Director: Skaggs, C. Thomas
Organization: Maine Univ., Orono.
Funding Period: Start Date 1 Jul 74; End Date 31 Aug 74

Under this project, cooperating school personnel will be provided an active participation experience in an applied research project. An analysis of data generated from the subjects will be performed, results of the statistical analyses will be summarized, and the results of the study will be communicated to the appropriate audience.

SB002186 VTP-1599

Development of Multi-Media Career Units for Use with Students in Higher Education.
Project Director: Sewall, Adrian J.
Organization: Maine Univ., Orono. Office of Career Planning and Placement.
Funding Period: Start Date 1 Sep 74; End Date 1 Jun 75

The objective of this project is to provide for the development of three basic multimedia units to be used in the career development of postsecondary school youth. Extensive surveys will be conducted of all career resources. A complete script will be produced for a unit dealing with self-awareness as it relates to career choice, and slides and audio-tape scripts will be synchronized into self-contained units.

Fiscal Year 1975

SB002187 VTP-1600

Effects of Selected Instructional Strategies on Learning Efficiency in Vocational-Technical Education Programs: Phase II.
Project Director: Drummond, Robert
Organization: School Administrative District #9, Farmington, Maine.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

Several common tasks or instructional objectives will be selected for study in the experimental phase of this study, and videotapes will be developed to assist in the instructional phases of these tasks. Testing procedures and evaluation criteria will be developed to measure the level of mastery of the skills selected. The control group design will be posttest only.

SB002188 VTP-1796

A Career Education Mini-Course in Nursing.
Project Director: Denison, David H.
Organization: Telstar Regional High, Bethel, Maine.
Funding Period: Start Date 4 Nov 74; End Date 20 Dec 74

The objectives of this project are to implement a career awareness program for twelve junior and senior high school students interested in health occupations, orient students to six health careers in which there are local employment possibilities, and provide these students with basic care skills. A registered nurse will be hired to coordinate the program and utilize resource people as instructors. The program will be operated after school hours.

SB002189 VTP-1749

Cooperative Vocational Education Training Program for Cashiering.
Project Director: Moore, Donald E.
Organization: Orono High School, Maine.
Funding Period: Start Date 21 Oct 74; End Date 30 Oct 74

The objective of this project is to provide sixteen-year-old students the opportunity to receive training even if they do not meet existing pre-employment requirements. The students who complete the training program will gain the necessary experience and confidence to be employed as cashiers. Instruction will consist of five hours of classroom and six hours of on-the-job instruction on a one-to-one basis.

SB002190

STRIVE-Student Training Realized in Voluntary Exploration.
Project Director: Brockway, George R.
Organization: Livermore Falls High School, Maine.
Funding Period: Start Date 10 Sep 74; End Date 27 May 75

This project will provide monies to cover the transportation costs incurred by students traveling between Livermore Falls and Togus to participate in the Student Training Realized In Voluntary Exploration (STRIVE) project. The STRIVE project is a voluntary services program at the Togus Center where Livermore Falls High School students receive training from and work with employees in health occupations in which the students are interested.

SB002191 VTP-1827

Achieving Career Awareness.
Project Director: Beattie, Mary A.
Organization: Boothbay Regional High School, Maine.
Funding Period: Start Date 22 Jan 75; End Date 14 May 75

The goals of this project are to increase students' knowledge of careers and increase their self-perceptions. Project staff will familiarize students with Holland's six classifications and occupational literature. To help students know themselves and their areas of interest better, Holland's "Self-Directed Search" will be administered to all students who wish to take it.

SB002192 VTP-1910

Life Coping Skills.
Project Director: Doran, Peter C.
Organization: Maine Univ., Farmington.
Funding Period: Start Date 7 Feb 75; End Date 31 May 75

The objectives of this project are to help students develop a clearer, more positive understanding of themselves and develop personal and interpersonal skills and attitudes essential to success and necessary to gather, process, and act upon information about themselves. A five-day institute will be held to train individuals to conduct local inservice development sessions, and follow-up workshops will be held.

SB002193 VTP-1993

Follow-Up of Building Construction and Machine Tool Technology Graduates of 1970, 1972, 1974.
Project Director: Warren, William C.
Organization: Southern Maine Vocational Technical Inst., South Portland.
Funding Period: Start Date 1 Apr 75; End Date 30 Jun 75
Contract and/or Control No.: 75-95-515-74

The purposes of the study are to determine the employment status of the graduates and their employment sequence since graduation, program evaluation as perceived by graduates and employers, upgrading and retraining needs of graduates, and graduate profile and employer evaluation profile for programmatic restructuring and development.

SB002194 VTP-2034

Follow-Up of Automotives and Metals Graduates of 1972, 1973, 1974.
Project Director: Harvey, Richard
Organization: School Administrative District 9, Farmington, Maine.
Funding Period: Start Date 01 Apr 75; End Date 30 Jun 75

Contract and/or Control No.: 75-95-530-74

In this project, the vocational director, a counselor, and a research associate will design and develop a research instrument to gather follow-up information by personal contact by telephone, and through the mail. Prior to development of the instrument, faculty members will be consulted about what information would help improve programs. The project will be designed so that it will be transportable to other institutions.

SB002195 **VTP-2054**

Establishment of Research Priorities in Post-Secondary Vocational, Technical, and Adult Education in Maine for 1975-1977.
Project Director: Work, Gerald W.
Organization: Maine Univ., Orono. Coll. of Education.
Funding Period: Start Date 20 May 75; End Date 30 Jun 75

The purpose of this project is to survey all instructors and administrative staff of the six postsecondary vocational and technical institutes to determine priority areas for research. A list of vocational education research areas for inclusion in a survey instrument will be developed. A research team will survey the group, develop the survey instrument, and analyze the data.

Fiscal Year 1976

SB002196

Integration of the Career Education Concepts Into the Secondary English Curriculum.
Project Director: MacLeod, George H.
Organization: South Portland Board of Education, Maine.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76
Contract and/or Control No.: 76-95-101-75

This project proposes to complete the development of a secondary-level English curriculum that has been integrated with career education concepts. Specifically, the project will assist and support testing, evaluating, and implementing the new English curriculum; provide sufficient inservice training and materials; provide adequate documentation of field testing and unit evaluation; provide liaison service between the English and guidance departments; and publish the revised English curriculum.

SB002197

A Review of Effective Counseling Procedures Utilized to Orient Secondary School Students with the Vocational-Technical Training Programs in Maine.
Project Director: Johnson, Edward
Organization: Maine Univ., Orono. Coll. of Education.
Funding Period: Start Date 1 Mar 76; End Date 30 Jun 76
Contract and/or Control No.: 76-95-106-75

The objective of this project is to identify those procedures presently utilized by selected Maine school counselors which effectively orient high school students to the training programs offered by vocational and technical institutes. High school students and vocational and technical institute enrollees will be surveyed, and school counselors and administrators will be interviewed.

SB002198

Effectiveness of Vocational-Technical Training in Health Education.
Project Director: Hayes, Kenneth P.
Organization: Maine Univ., Orono. Social Science Research Inst.
Funding Period: Start Date 1 Mar 76; End Date 30 Jun 76
Contract and/or Control No.: 76-95-105-75

This project's purpose is to conduct a follow-up study of the graduates of health education programs to collect data on the effectiveness of their training program and its applicability to Maine industry. The graduates will be surveyed by a mailed questionnaire dealing with the issues related to the economic benefits the graduates received from their training, the extent to which their training prepared them for the jobs they hold, the degree of job satisfaction achieved, and the relative ease with which they found jobs.

SB002199

Vocational Education Implications of Technological Change in Maine: Case Studies of Two Industries.
Project Director: Forsgren, Roderick A.
Organization: Maine Univ., Orono.
Funding Period: Start Date 1 Mar 76; End Date 30 Jun 76
Contract and/or Control No.: 76-95-104-75

This project will measure the implications for vocational education of new technology in two important Maine industries: shoes and paper. Case studies will be made of firms now using new technology which is likely to be adopted by more firms. Project objectives are to determine the specific kinds of educational demands that will be generated by the new technology, changes in current curriculum to serve new workers likely to face similar technological developments, and what vocational education can do to assist in upgrading or retraining existing workers.

SB002200

Follow-Up of Culinary Arts Graduates of 1971, 1973, 1975.
Project Director: Warren, William C.
Organization: Southern Maine Vocational-Technical Inst., South Portland.
Funding Period: Start Date 1 Apr 76; End Date 30 Jun 76
Contract and/or Control No.: 76-95-102-76

Through the use of questionnaires and interviews, this follow-up study will determine the employment status of culinary arts graduates, their employment sequence since graduation, and their upgrading and retraining needs. The project will also obtain a program evaluation as perceived by graduates and employers and a graduate profile and employer evaluation profile for programmatic restructuring and development.

SB002201

A Study to Evaluate the Mathematics Offerings at SMVTI and Develop a Comprehensive Mathematics Program.
Project Director: Warren, William C.
Organization: Southern Maine Vocational-Technical Inst., South Portland.
Funding Period: Start Date 14 Jun 76; End Date 20 Aug 76
Contract and/or Control No.: 76-95-103-76

This project will conduct an analysis that will be used to refine a comprehensive math program to service the technical curricula at Southern Maine Vocational-Technical Institute. The objectives of this project include evaluating the effectiveness of present mathematics course offerings, refining the placement test now used to measure mathematical ability of incoming freshmen, consolidating or developing mathematics courses based on student and technical area needs, and developing mathematics course sequences that will enable poorer math students to perform adequately in their respective technical vocations.

SB002202

A Study of the Needs of the Metal Building Industry and its Impact on the Building Construction Program at SMVTI.
Project Director: Warren, William C.
Organization: Southern Maine Vocational-Technical Inst., South Portland.
Funding Period: Start Date 14 Jun 76; End Date 20 Aug 76
Contract and/or Control No.: 76-95-107-76

The purposes of this project are to interpret more fully the recently completed building construction follow-up study regarding inservice training needs as it relates to light construction, implement an industry visitation to identify training needs of inservice and preservice workers, analyze industry and graduate responses and design courses to reflect technological change, and produce a curriculum proposal for review for implementation in the building construction program at Southern Maine Vocational-Technical Institute.

Fiscal Year 1977

SB002203 **VTP-2773**

The Product of a Multi-Media Career Information Unit Relative to Vocational Technical Institutes.

Project Director: Crowley, Nathaniel
Organization: Eastern Maine Vocational Technical Inst., Bangor.
Funding Period: Start Date 1 Aug 77; End Date 30 Jun 77
Contract and/or Control No.: 77-95-101-76

This project will develop a multimedia unit to be used in augmenting career awareness among Eastern Maine Vocational Technical Institute faculty and staff, craft and advisory committees, and interested groups. Activities will include researching all career opportunities in specific areas of vocational and technical education, developing a script identifying career opportunities in the selected areas, synthesizing the slides and audio tape into a single multimedia unit, and presenting the unit to these target groups.

SB002204 **VTP-2720**

A Project for the Development of a Sound Filmstrip on the Career Education Program in Maine.
Project Director: Caffarella, Edward P.
Organization: Maine Univ., Orono.
Funding Period: Start Date 1 Jul 76; End Date 30 Oct 77
Contract and/or Control No.: 77-95-103-76

This project will produce a sound filmstrip describing Maine's career education programs. This filmstrip will be used as a resource for career education professionals in making presentations to teachers, parents, and the general community. The filmstrip will be approximately twenty to thirty minutes long and will be accompanied by a cassette audio recording and a story board script. Fifteen duplicate copies of the filmstrip and cassette will be provided.

SB002205 **VTP-2769**

The Development of a Multi-Unit Fisheries Curriculum and Course Materials Relative to Secondary and Postsecondary Vocational-Technical Maine Institutes.
Project Director: Schwalbenberg, Peter
Organization: Region 8 Cooperative Board for Vocational Education, Rockland, Maine.
Funding Period: Start Date 1 Nov 76; End Date 31 May 77
Contract and/or Control No.: 77-95-105-76

Phase I of this project will develop and field test two units in the fisheries curriculum for use by secondary, postsecondary, and adult classes. The units will be developed through a cooperative project involving the fishing and boat building industries, teacher education institutions, state educational staff, and practicing secondary-level instructors. The material developed will be a series of loose-leaf units subject to regular revision and update.

SB002206

An Assessment of Student Personnel Services at Maine's Vocational Technical Institutes.
Project Director: Hayes, Kenneth P.
Organization: Maine Univ., Orono.
Funding Period: Start Date 1 Jan 77; End Date 30 Jun 77
Contract and/or Control No.: 77-95-106-77

The purpose of this project is to assess the adequacy of student personnel services at six Maine vocational and technical institutes. Specific objectives include developing a complete description of student personnel services available at the institutes; determining perceptions of the adequacy and effectiveness of vocational and technical institute student personnel services among current students, recent graduates, and faculty and staff; and determining relationships between attitudes toward student personnel services and institute, class year or graduation year, program of study, and student demographic characteristics.

SB002207

Maine School Administrators' Attitudes Toward Secondary Vocational Education.
Project Director: Hayes, Kenneth P.
Organization: Maine Univ., Orono.
Funding Period: Start Date 15 Apr 77; End Date 1 Jun 77
Contract and/or Control No.: 77-95-108-76

The purpose of this project is to ascertain attitudes of Maine school superintendents and high school principals toward vocational education and determine what, if any, barriers they perceive to making vocational education available to all high school students. Mail and telephone interviews will be used to collect information including the number of students in the school district; geographic location; number of years the administrator has served; and the school's status as a vocational center, "sending school," or as a participant in one of the eleven newly created vocational regions.

SB002208 **VTP-2717**

Development and Implementation of Research Activities for Vocational Education.
Project Director: Muro, James J.
Organization: Maine Univ., Orono.
Funding Period: Start Date 1 Aug 76; End Date 30 Jun 77
Contract and/or Control No.: 77-95-102-76

The purpose of this project is to initiate and facilitate research-based activities supportive of vocational and technical education in Maine. The Maine Research Coordinating Unit (RCU) will offer leadership for research and development activities. Specific functions of the RCU include identifying issues and problems facing vocational education; obtaining occupational data for use in program planning; and encouraging, coordinating, and conducting occupational education research and develoment projects and activities.

SB002209 **VTP-2799**

An Analysis of the Factors Which Influence Students in the Selection of Vocational Courses in the Saint John Valley High Schools.
Project Director: LeBlanc, Ashley
Organization: Saint John Valley Cooperative Board for Vocational Education, Madawaska, Maine.
Funding Period: Start Date 1 Feb 77; End Date 31 Aug 77

In order to analyze the factors which influence students in the selection of vocational courses in the St. John Valley high schools, the project will survey high school students and graduates from a target population of primarily French-speaking American individuals who reside in an economically depressed agricultural area. Specific objectives include identifying the critical factors influencing students' choices of vocational and nonvocational programs and courses, and identifying the critical factors in students' attitudes which cause students to stereotype courses as being either for girls or boys.

SB002210 **VTP-2839**

Comparison of Teaching/Learning Techniques by Teachers and Students of Vocational Technical Institutes.
Project Director: Drummond, Robert J.
Organization: Maine Univ., Orono.
Funding Period: Start Date 30 Jan 77; End Date 30 Sep 77
Contract and/or Control No.: 77-95-104-77

The purpose of this project is to gather information on teaching methods now utilized and to determine how students view the effectiveness of these methods. Specific objectives are to identify the different types of teaching techniques used by instructors in the vocational and technical institutes by course and program; assess how helpful students feel these techniques are; and evaluate the students' opinions of instructional procedures by types of program, achievement level of students, student learning styles, sex of students, and locus of control.

Part D

Fiscal Year 1970

SB002211

Special Services for the Community by the Handicapped Through Vocational Education.
Project Director: Wormwood, Wayne A.
Organization: Waban Projects, Inc., North Berwick, Maine.
Funding Period: Start Date 1 Sep 71; End Date 30 Jun 72

The purpose of this project is to employ and provide work for the handicapped who need supervision and procure employment in the community for those who can work on their own after training. Training and actual work experience will be provided in the field of services to home and property owners, town, and the state. The project will also subcontract for businesses to insure a year-round work program.

SB002212

The Fusing of Career Oriented Materials and Activities with Traditional Curriculums in Grades One Through Six.
Project Director: Ryan, Charles W.
Organization: Maine Univ., Orono. Coll. of Education.

The goals of this project are to develop and implement sequential career development activities in grades 1-6 curriculum, enhance the elementary school teacher's understanding of career development at the elementary school level, and develop a curriculum resource model for future use in the elementary school system. The project will conduct a three-week workshop for fifteen selected elementary school teachers to identify and outline career development activities to be incorporated into existing curriculum.

SB002213

Career Planning Proposal.
Project Director: Donahue, Patrick L.
Organization: Edward Little High School, Auburn, Maine.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

This project, based upon a cooperative educational structure keyed to personalizing students' instructional experience and coordinating it with their occupational needs, seeks to help students plan and begin a meaningful career, encourage students to remain in school, raise students' aspiration level, and establish students' self-confidence and personal responsibility. The project will involve instruction in basic subjects and vocationally oriented education and on-the-job training.

SB002214

Tri-State Vocational Curriclum Project.
Project Director: Grant, Buford
Organization: Waterville School Dept., Maine.

As part of a tri-state effort involving Maine, New Hampshire, and Vermont, this project plans to develop and implement a "unitized" curriculum in each vocational area within selected regional centers. A unitized curriculum is composed of units of individualized instruction based on behavioral objectives and allows students to pursue their individual occupational goals. The project will also provide inservice training in curriculum development and program implementation for teachers on a local and tri-state basis.

SB002215

Request for Exemplary Funds in Support of a Program for the Curriculum Development and Implementation of Programs Designed for the Upgrading and Retraining of Day Care Personnel.
Project Director: Owen, Patricia A.
Organization: Southern Maine Vocational Technical Inst., South Portland.
Funding Period: Start Date 1 Sep 71; End Date 31 Aug 72

The purpose of this project is to develop a program to train people to be child care workers in children's institutions, group care homes, or day care centers and to upgrade those already employed in jobs concerned with child care and guidance. The objectives of this project include developing competencies in practical matters which are everyday concerns of those who assume parenting functions; an awareness of physical facilities in child care services; and knowledge, skill, good judgment, and sensitivity in meeting the needs of children.

SB002216

Career Resource Center.
Project Director: Muzzy, E.D.
Organization: School Administrative District 9, Farmington, Maine.
Funding Period: Start Date 1 Sep 70; End Date 30 Jul 71

This project proposes to improve the availability of career information based upon local conditions within the areas served by the Foster Vocational Center. This will be accomplished by developing a system for the preparation and dissemination of current, relevant, and accessible career information and establishing a procedure by which this information will be made available to, and utilized by, students of area schools within their decision-making career development scope.

Fiscal Year 1971

SB002217

Career Resource Center.
Project Director: Muzzy, E.D.
Organization: School Administrative District 9, Farmington, Maine.

In its second year, this project proposes to improve the availability of career information based upon local conditions within the areas served by the Foster Vocational Center. This will be accomplished by developing a system for the preparation and dissemination of current, relevant, and accessible career information and establishing a procedure by which this information will be made available to, and utilized by, students of area schools within their decision-making career development scope.

SB002218

Project Women - In a Man's World of Work.
Project Director: Carr, Ralph T.
Organization: Maine School Union 34, Bangor.
Funding Period: Start Date 1 Apr 72; End Date 1 Jun 72
Contract and/or Control No.: 19

The purpose of this project is to develop an inservice career program to acquaint tenth and eleventh grade female students with careers normally occupied by men and prepare them to discuss these careers with other girls in their high school class. This project will also provide a rotating cadre of paraprofessional student help to work with and through the guidance department and develop a model for vocational guidance programs which might be adapted to other Maine high schools.

SB002219

Workers and Me.
Project Director: Hunter, Frances
Organization: Maine School Union 34, Bangor.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 72
Contract and/or Control No.: 9

This project will present a model for career education in the elementary school (K-8) by modifying the social studies courses to fuse academic and vocational curricula. The project will allow students to define, personalize, and challenge the world of work; conduct individual projects in which they can relate themselves to occupations and careers; and make personal decisions and develop plans of action to develop their creative potential in self-direction and self-evaluation. Procedures will include class meetings, field trips, individual projects, and simulation experiences.

SB002220

Promoting Local Employment and Service Efforts Through Career Exploration.
Project Director: Kelly, Paul R.
Organization: School Administrative District 27, Ft. Kent, Maine.
Funding Period: Start Date 1 May 72; End Date 15 Sep 72
Contract and/or Control No.: 6

The objectives of this project are to provide practical and theoretical career exploration in tour guiding for high school seniors through actual work experience and classroom instruction and improve students' practical and applied knowledge and skills in areas such as language arts, Canadian-American history, and recreation and conservation education. Youths from an insular area will be provided educational and social enrichment through contact with a diverse tourist population, and results of the project evaluation will be disseminated to school guidance counselors and vocational education departments throughout Maine.

SB002221

Other Ladders.
Project Director: Schultz, Richard
Organization: Bath City School Dept., Maine.
Funding Period: Start Date 1 Sep 72; End Date 1 Jul 73
Contract and/or Control No.: 18

The aim of this project is to offer children who are experiencing difficulty with the academic emphasis of normal classroom work an alternate set of activities which will develop potential strengths and an improved self-image through success. The objectives of this project include providing experiences and exposure for the target students in working with wood, cloth and yarn, photography, and clay; providing opportunities for greater success and expression of pupil feeling; and determining if this type of program will result in improving students' interest and skills in reading and math.

SB002222

Consortium Program in Higher Education.
Project Director: Antonucci, Frank J., Jr.
Organization: Maine Univ., Augusta
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 13

This program will continue to provide a consortium counselor to assist students in transferring between member institutions and non-member institutions to meet career objectives, provide potential students and students at member institutions with career information and counseling services, and provide consultant services which emphasize career planning to existing counseling and admissions staff at member institutions.

SB002223

Project COVE–Coastal Opportunities in Vocational Education (Recreation, Conservation and Development).
Project Director: Yates, David M.
Organization: School Administrative District 40, Waldoboro, Maine.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73
Contract and/or Control No.: 15

This project is designed to provide related and occupational learning experiences in the areas of horticulture and greenhouse management and marine agriculture for vocational students at Medomak Valley High School. The objectives of the project include providing a learning atmosphere using the natural environment, both land and sea, as an outdoor classroom; developing new curriculum for Maine's rural areas; and providing occupational orientation and training in horticulture, landscaping, forestry, and marine agriculture.

SB002224

Independent Living.
Project Director: Atwood, Glenna W.
Organization: School Administrative District 22, Hampden, Maine.
Funding Period: Start Date 15 May 72; End Date 30 Jun 73
Contract and/or Control No.: 26

This project proposes to develop a course in independent living to be taught cooperatively by the home economics, social studies, and business departments. The objectives of the project include teaching students to perform tasks necessary for responsible living beyond high school; exposing the students to ways of shopping wisely through the use of credit, contracts, budgets, and comparative buying; and introducing students to proper sources for self-improvement.

SB002225

Application for an Expanded Cooperative Concept of Career Education.
Project Director: Gardner, L.E.
Organization: Maine School Union 256, Millinocket.
Funding Period: Start Date 1 Dec 71; End Date 30 Jun 73

This project seeks to increase the number of students in cooperative career education programs and provide the best instruction for on-the-job training. To continue employer support for the cooperative program and increase the potential for job training stations, project funds will be used to reimburse employers for the additional costs they incur in providing training stations for the program.

SB002226

Consortium Counselor.
Project Director: Randall, Richard J.
Organization: Maine Univ., Augusta
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

A consortium, composed of Central Maine Vocational Technical Institute, Kennebec Valley Vocational Technical Institute, the University of Maine at Augusta, and the University of Maine at Farmington, will employ a counselor whose duties will include facilitating student mobility between programs on one campus as well as between different consortium campuses, providing students with counseling on career plans, and recruiting students.

SB002227

Small Engine Course.
Organization: School Administrative District 46, Dexter, Maine.

The purpose of this two-year pilot program is to determine the impact and feasibility of a course in small engines and their uses as an offering at the regional vocational center. The course of study will be written during the summer, revised during the first year, and then finalized. Funding will provide a teacher's salary, equipment, and supplies for the exemplary program.

SB002228

Bingham Project.
Project Director: Ferguson, Stanley M.
Organization: Maine Univ., Farmington.

This project will provide additional funding to continue a project designed to provide a career information service for secondary students in Bingham, Maine. The project, "Community Centered School Support Program," is an attempt to explore and determine how teachers and other community adults can cooperate to bring postsecondary career information to students. The additional funding will expand the facilities and staff, and provide for travel.

SB002229

Workshop.
Organization: Maine State Dept. of Educational and Cultural Services, Augusta. Bureau of Vocational Education.

Funds will be used to conduct a workshop in vocational education.

SB002230

Development and Implementation of a Comprehensive Career Education Guide for Grades K to 12 in Maine Schools.
Project Director: Johnson, Edward G.
Organization: Maine Univ., Orono. Coll. of Education.
Funding Period: Start Date 1 May 72; End Date 30 Jun 73
Contract and/or Control No.: 27

The purpose of this project is to develop a model for career education, grades K-12, which will serve as a guide for Maine schools; reflect a synthesis of curriculum practices, guidance and counseling, and vocational education; and represent the views of vocational education, various subject areas, business and industry, labor, and school administration. The guide will provide a systematic procedure for planning and initiating career education experiences for all students and aid teachers and administrators in implementing career education activities.

SB002231

Career Planning.
Project Director: Peterson, Charles
Organization: Edward Little High School, Auburn, Maine.

This project will develop a program based on a cooperative educational structure keyed to personalizing students' instructional experience and coordinating it with their occupational needs in an attempt to develop talents and skills necessary for a meaningful career and encourage students to stay in school. The program will involve four hours of basic subjects and vocationally oriented education and three hours of on-the-job training during the regular school day and will include summer school instruction.

Fiscal Year 1972

SB002232

Development and Implementation of a Comprehensive Career Education Guide for Grades K to 12 in Maine Schools.
Project Director: Johnson, Edward G.
Organization: Maine Univ., Orono. Coll. of Education.
Funding Period: Start Date 1 May 72; End Date 30 Jun 73

The purpose of this project is to develop a model for career education, grades K-12, which will serve as a guide for Maine schools; reflect a synthesis of curriculum practices, guidance and counseling, and vocational education; and represent the views of vocational education, various subject areas, business and industry, labor, and school administration. The guide will provide a systematic procedure for planning and initiating career education experiences for all students and aid teachers and administrators in implementing career education activities.

SB002233

Career Planning.
Project Director: Peterson, Charles
Organization: Edward Little High School, Auburn, Maine.

This project will develop a program based on a cooperative educational structure keyed to personalizing students' instructional experience and coordinating it with their occupational needs in an attempt to develop talents and skills necessary for a meaningful career and encourage students to stay in school. The program will involve four hours of basic subjects and vocationally oriented education and three hours of on-the-job training during the regular school day and will include summer school instruction.

SB002234

An Associate Degree Program in Plant and Soil Technology.
Project Director: Greer, John S.
Organization: Southern Maine Vocational-Technical Inst., South Portland.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

This two-year sequence of courses in plant and soil technology is intended to provide qualified students with training in ornamental horticulture and to train students to work as nursery and landscape technicians. The first year of training will be offered at Southern Maine Vocational Technical Institute, and the second year will be offered at the University of Maine at Orono.

SB002235

Regional One-Day Seminar-Workshops: Developing Minimal Research Skills and Techniques for Writing Research Proposals.
Project Director: Vitro, Frank T.
Organization: Maine Univ., Orono. Coll. of Education.

One-day seminar workshops for developing the minimal research competencies and proposal writing skills of administrators or other school personnel will be the result of this project. Lecture presentation will be combined with small group discussion and problem sessions to provide the participants with exploratory practical activities in applying principles and techniques to simulated situations.

SB002236

Summer Planning Workshop on Cooperative Vocational Education for the Disadvantaged.
Project Director: Perry, Thomas H.
Organization: Orono Public Schools, Maine.
Funding Period: Start Date 26 Jun 72; End Date 14 Jul 72

The objectives of this summer planning workshop on cooperative vocational education for the disadvantaged include (1) developing a plan to better integrate the classroom activities and on-the-job experiences of students participating in the cooperative vocational education program, (2) establishing procedures of evaluating the specific needs of students so that programs can be tailored for each individual, (3) evaluating the status of the present vocational education program, and (4) reviewing and evaluating general guidelines for the cooperative vocational education program.

SB002237

Occupational Course in Modern Forestry Practices.
Project Director: Clavette, Thomas
Organization: School Administrative District 27, Ft. Kent, Maine.
Funding Period: Start Date 21 Aug 72; End Date 15 Jun 73

This project will design an occupational course in modern forestry practices for high school seniors. The goals of the course include providing training and actual work experience for high school seniors in proper logging practices, providing training in conservation practices necessary to maintain and conserve natural forests, changing the image of job category of "pulp cutters" by changing the name to skilled "logger," and assisting the students in securing employment upon satisfactory completion of the course.

SB002238

Second Year Funding of Tri-State Curriculum Project.
Organization: New England Resource Center for Occupational Education, Newton, Mass.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objectives of this second year funding of the (Maine, New Hampshire, and Vermont) vocational curriculum project will include providing teacher training in occupational analysis, writing performance-based curricula, and developing unitized curricula based on occupational analysis and performance objectives for implementation in vocational centers in New England. Workshops will be conducted to upgrade skills and to provide technical assistance in producing curriculum and supporting media. The project will also test and evaluate unitized curriculum.

SB002239

Workers and Me Continuation.
Project Director: Young, Lester
Organization: Glenburn Elementary School, Bangor, Maine.
Funding Period: Start Date 1 Oct 72; End Date 31 May 73

This continuation of the project will allow students to define, personalize, and challenge the world of work; conduct individual investigations of occupations and careers that interest them; participate in the decision-making process independently with opportunities for personal and group evaluation of those decisions; and gain motivation and knowledge through specific activities with teachers, parents, workers, and their peers. Procedures will include class meetings, field trips, individual projects, occupational units and materials, role playing, and vocational testing.

SB002240

Career Education for a Rural School.
Project Director: Pratt, Lyndon G.
Organization: Maine School Union 34, Bangor.
Funding Period: Start Date 23 Apr 73; End Date 15 Jun 73

Fifty first grade children will be the focus of the career awareness learning experiences under this project. Students will be provided with (1) the opportunity to foster positive attitudes about themselves, (2) the opportunity to understand the importance of taking care of their health, (3) knowledge of basic foods and good family nutrition, and (4) the opportunity to explore a variety of occupations. Activities will include play acting and workshops on health and dental care.

Fiscal Year 1973

SB002241

Applied Marine Biology: A Vocational Satellite Program of WCVTI.
Project Director: Pierce, Peter
Organization: Washington County Vocational-Technical Inst., Maine.

This project proposes to provide the students of Jonesport High School with a course in practical applied biological concepts to help them earn a better living in commercial fishing. The course, which will translate marine biological theory into basic applied concepts, will teach the students to reclaim and reseed run-out clam flats and to devise methods of opening polluted clam flats to commercial digging.

SB002242

Project COVE - Coastal Opportunities in Vocational Education. (Resource, Conservation, and Development.)
Project Director: Yates, David M.
Organization: School Administrative District 40, Waldoboro, Maine.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 75
Contract and/or Control No.: 74-96-500-73

This is part of a four year project designed to provide related and occupational learning experiences in the areas of horticulture and greenhouse management and marine agriculture for vocational students at Medomak Valley High School. The objectives of the project include providing a learning atmosphere using the natural environment, both land and sea, as an outdoor classroom; developing new curriculum for Maine's rural areas; and providing occupational orientation and training in horticulture, landscaping, forestry, and marine agriculture.

SB002243

Career Education.
Project Director: Jones, Jean W.
Organization: Sanford Regional Vocational Center, Maine.
Funding Period: Start Date 29 Jan 73; End Date 16 Jun 73

The objectives of this project are to assist students in developing self-awareness and self-direction based on their interests and needs; assist students in developing decision-making skills necessary for career choices and preparation; relate subject matter to future career goals; make school, world of work, and community resources available; provide job exploratory activities through an individualized multimedia approach; and provide skill training necessary for job entry or higher education.

SB002244

Career Days Field Education Program.
Project Director: Watkins, Philip A.
Organization: School Administrative District 52, Turner, Maine.

This exemplary project will provide a "Career Days" experience for sophomore and junior students at Leavitt Area High School to assist them in integrating classroom learning experiences with the demands of the world of work through actual "hands-on" participation. In cooperation with area employers, the project plans to provide all sophomore and junior students with three to four different on-the-job experiences in the Lewiston, Auburn, and Augusta areas.

SB002245

Career Development Outreach Program.
Project Director: Thielen, Thomas B.
Organization: Maine Univ., Farmington.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 74-96-503-73

The purpose of this project is to inform, provide practical experience to, and motivate the non-school population of Franklin County and the students of the University of Maine at Farmington (UMF) to consider realistic and meaningful information in relation to developing individual career patterns. Specific objectives include expanding the material in and use of the Career Library in the Center for Educational and Career Development.

SB002246

Geographically Isolated Vocational Education (GIVE).
Project Director: Brunelle, Paul
Organization: School Administrative District 2, Greenville, Maine.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 76
Contract and/or Control No.: 74-96-501-73

The purpose of this project is to provide work experience in available skills of the geographic area by means of concentrated study through actual work under competent supervision. The target audience will consist of twenty-four students in grades 11-12 from two geographically isolated schools. Objectives include promoting career consciousness among parents, students, and staff and developing an individualized course of work and study for each participant.

SB002247

Satellite Program.
Project Director: Mailman, Harold L.
Organization: School Administrative District 1, Maine.

This project will provide the secondary student in the district's technical and vocational center the opportunity to use the facilities and equipment at Northern Maine Vocational Technical Institute. Business education students will receive instructions in unit record keeping systems and will gain experience with unit record equipment. Drafting and trade-related students will receive instruction in areas which include farm mechanics, auto mechanics, and electricity, and gain experience in the use of drafting equipment and materials.

SB002248

Mobile Career Education Classroom.
Project Director: Harvey, Richard M.
Organization: School Administrative District 9, Farmington, Maine.
Funding Period: Start Date 10 Apr 73; End Date 30 Jun 73

This project will design and construct a student-centered, mobile classroom to serve this geographically diffuse school system of 3,400 students. Presentations and assignments will be managed by students with a minimum of supervision. The objectives of this project include placing the responsibility for design, construction, utilization, and instruction of the mobile unit upon the students; presenting the students with a medium by which they can teach or assist others in the learning process; and helping surrounding communities learn of the impact of the vocational center.

SB002249

Satellite Career Center.
Project Director: Hamlin, Morton E.
Organization: School Administrative District 51, Cumberland Center, Maine.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project proposes to establish a Satellite Career Center to act as a bridge between schools in the SAD #51 and the career resources of Portland. The center will be located downtown, will have a storefront school concept, and will serve as a clearinghouse for career education resources. The satellite center will house activities about careers for SAD #51 students and teachers and for university student teachers.

SB002250

Independent Living.
Project Director: Atwood, Glenna W.
Organization: School Administrative District 22, Hampden, Maine.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 74-96-505-73

This project proposes to develop a course in independent living to be taught cooperatively by the home economics, social studies, and business departments. The objectives of the project include teaching students to perform tasks necessary for responsible living beyond high school; exposing the students to ways of shopping wisely through the use of credit, contracts, budgets, and comparative buying; and introducing students to proper sources for self-improvement.

SB002251

Other Ladders.
Project Director: Meagher, Thomas F.
Organization: Bath City School Dept., Maine.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 74-96-504-73

The purpose of this project is to offer children who are experiencing difficulty with the academic emphasis of normal classroom work an alternate set of activities which will develop potential strengths and an improved self-image through success. The objectives of this project include providing experiences and exposure for the target students in working with wood, cloth and related activities, photography, and clay; providing opportunities for greater success and expression of pupil feeling; and assisting regular classroom teachers in becoming familiar with the needs of the students in the program.

SB002252

Career Resource Center (CRC).
Project Director: Willett, George
Organization: School Administrative District 9, Farmington, Maine.
Funding Period: Start Date 1 Jul 73; End Date 31 Aug 73

This funding will be used for salary requirements to extend the project for eight weeks. During this time, project staff will gather local job descriptions, develop formats for them, and process them. This is in accord with the purpose of the project, which is to improve the availability of career information based upon local conditions within the areas served by the Foster Vocational Center.

Fiscal Year 1974

SB002253

Consortium Program in Higher Education.
Project Director: Antonucci, Frank J., Jr.
Organization: Maine Univ., Augusta
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

Contract and/or Control No.: 74-96-507-74

This program will continue to provide a consortium counselor to assist students in transferring between member institutions and non-member institutions to meet career objectives; provide potential students and students at member institutions with career information and counseling services; and provide consultant services which emphasize career planning to existing counseling and admissions staff at member institutions.

SB002254

COVE: Coastal Opportunities in Vocational Education.
Project Director: Yates, David M.
Organization: School Administrative District 40, Waldoboro, Maine.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 75
Contract and/or Control No.: 74-96-509-74

This is the final phase of a four-year project designed to provide related and occupational learning experiences in the areas of horticulture and greenhouse management and marine agriculture for vocational students at Medomak Valley High School. The objectives of the project include providing a learning atmosphere using the natural environment, both land and sea, as an outdoor classroom; developing new curriculum for Maine's rural areas; and providing occupational orientation and training in horticulture, landscaping, forestry, and marine agriculture.

SB002255

Occupational Course in Tree Harvesting.
Project Director: Clavette, Thomas
Organization: School Administrative District 27, Ft. Kent, Maine.
Funding Period: Start Date 18 Aug 73; End Date 14 Jun 74
Contract and/or Control No.: 74-96-508-74

To expand the vocational education offerings and provide vocational training in the lumber industry, this project will develop an occupational course in tree harvesting. The objectives of the project include providing training and actual work experience with the chainsaw and rubber-tired skidder for high school juniors and seniors in proper logging or wood product harvesting techniques and providing training in maintenance of all equipment used.

SB002256

Career Days.
Project Director: Watkins, Philip A.
Organization: School Administrative District 16, Hallowell, Maine.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: 75-96-515-73

The project will provide a field experience program, "Career Days," for sophomore and junior students at Hall-Dale High School. Sophomore students will participate in job-site visitations and career education activities in the classroom to facilitate an understanding of career availability. Junior students will receive three to four different on-the-job experiences to assist them in integrating the classroom learning experiences and the demands of the world of work by actual hands-on participation.

SB002257

Development of Demonstration Modular Curriculum.
Project Director: Jordan, Kenneth
Organization: Lewiston School District, Maine.
Funding Period: Start Date 18 Jan 74; End Date 30 Jun 74
Contract and/or Control No.: 74-96-512-74

The purpose of this project is to study already implemented programs of unitized instruction in order to develop such a program for the Lewiston School District. An individualized learning sequence in two or three subject areas will be constructed and implemented. An attempt will be made to train a cadre of teachers to orient the staff, demonstrate new methods and techniques, modify materials, and update the competencies of the instructional staff.

SB002258 **VTP-1227**

An In-School Job Placement Service for Secondary School Students.
Project Director: Gray, Kenneth
Organization: Mount Ararat School, Topsham, Maine
Funding Period: Start Date 1 Feb 74; End Date 30 Jun 76

The objective of this project is to develop, field test, and evaluate a secondary school job placement model which is integrated into an existing guidance program. The model will be organized into five segments: needs assessment, job development, student development, placement dissemination, and follow-up and evaluation. A job placement counselor will be responsible for placement of underclassmen, group activities, and material development. The relation of secondary school job placement and adult education programs will be explored.

SB002259 **VTP-1455**

Lewiston Modular Curriculum Development.
Project Director: Jordan, Kenneth
Organization: Lewiston School Dept., Maine.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The goals of this project include strengthening and extending the trade and industrial vocational education opportunities by providing individualized instruction, establishing a broader base of instruction for pupils through the use of learning packages, providing intensive training to teachers through workshops, and making a model package available to other centers.

SB002260 **VTP-1456**

Independent Living.
Project Director: Atwood, Glenna W.
Organization: School Administrative District 22, Hampden, Maine.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project proposes to develop a course in independent living to be taught cooperatively by the home economics, social studies, and business departments. The objectives of the project include teaching students to perform tasks necessary for responsible living beyond high school; exposing the students to ways of shopping wisely through the use of credit, contracts, budgets, and comparative buying; and introducing students to proper sources for self-improvement.

SB002261

Project GIVE - Guidance in Vocations and Education.
Project Director: Bagley, Roy W.
Organization: School Administrative District 51, Cumberland Center, Maine.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: 75-96-518-74

This year of project funding will provide for the continued operation of the Satellite Career Center. This center provides for career education activities including field trips, guest speakers, and inservice and special projects. The center will also provide access to career education information and resources and will feature a cluster each month for students to explore.

SB002262 **VTP-1457**

Elementary Crafts Program.
Project Director: Riley, Peter B.
Organization: Bath City School Dept., Maine.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project include providing experiences and exposure for the target students in working with wood, cloth and related activities, photography, and clay; providing opportunities for greater success and expression of pupil feeling; and assisting regular classroom teachers in becoming familiar with the needs of the students in the program.

SB002263

Career Development Outreach Program.
Project Director: Sommer, Sharon L.
Organization: Maine Univ., Farmington.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purposes of this project are to inform, provide practical experience to, and motivate the non-school population of Franklin County and the students of the University of Maine at Farmington (UMF) to consider realistic and meaningful information in relation to developing individual career patterns. Specific objectives include expanding the material in and use of the Career Library in the Center for Educational and Career Development.

Fiscal Year 1975

SB002264 **VTP-1748**

AT LAST: Affective Training for Learning Affective Skills for Today.
Project Director: Elwell, Gary F.
Organization: Capitol Area Regional Vocational Center, Augusta, Maine.
Funding Period: Start Date 1 Oct 74; End Date 1 Oct 75

This project will design a replicable curriculum and create administration and teacher awareness of the value of affective learning in the skill development curriculum. An understanding will be created of the value of affective knowledge in job seeking and performance on the part of teachers and students, and employers will be provided an understanding of the needs of new employees to receive positive reinforcement for good work attitudes.

SB002265 **VTP-1839**

Lewiston Modular Curriculum Development.
Project Director: Jordan, Kenneth C.
Organization: Lewiston School Dept., Maine.

The objectives of this project include strengthening and extending the trade and industrial vocational education opportunities by providing individualized instruction, establishing a broader base of instruction for pupils through the use of learning packages, providing intensive training to teachers through workshops, and making a model package available to other centers.

SB002266 **VTP-2205**

Implementing High School Teaching Strategies on a "Workers' Guide to Labor Law."
Project Director: O'Leary, Charles J.
Organization: Maine Univ., Orono.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

This project will present high school students with information necessary for dealing with potential or current labor problems. The objectives will be to: (1) conduct 11 exemplary model labor law programs for high school students and social studies teachers; (2) design these programs to serve as basic teaching models; and (3) publish and distribute "A Workers' Guide to Labor Law" for student and teacher use and a teachers' manual of the same title.

SB002267

COPE (Career Opportunities Placement and Evaluation).
Project Director: Helms, Carl H.
Organization: Biddeford School Dept., Maine.

Project COPE is designed to provide a comprehensive job development, job placement, and follow-up program for high school seniors or students exiting from school. The objectives of the project are to operate an educational component that will offer a classroom-practicum experience to all youth exiting school which will enable them to acquire and retain employment; develop lines of communication with business, industry, and the Maine Department of Manpower Affairs to facilitate the entry of youth leaving school into the labor market; and provide placement and follow-up services to all youth commensurate to their needs and abilities.

SB002268

North Haven Career Education Model Development.
Project Director: Mendall, Peter J.
Organization: School Administrative District 7, Vinalhaven, Maine.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: 75-96-534-75

This project will initiate the development of a K-12 career education model suitable for North Haven and similar small, isolated schools. The specific objectives include unifying the K-12 curriculum as is appropriate for preparing students to make wise choices among educational, vocational, and lifestyle alternatives; strengthening the teaching of academic subjects by increasing the emphasis on applications of the subject in actual experiences; and making students familiar with the range of experiences which exist in and beyond their community.

SB002269 **VTP-1598**

An In-School Job Placement Service for Secondary School Students.
Project Director: Gray, Kenneth C.
Organization: Mount Ararat School, Topsham, Maine
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of this project is to develop, field test, and evaluate a secondary school job placement model which is integrated into an existing guidance program. The model will be organized into five segments: needs assessment, job development, student development, placement dissemination, and follow-up and evaluation. A placement counselor will be responsible for placement of underclassmen, group activities, and material development. The relation of secondary school job placement and adult education programs will be explored.

Fiscal Year 1976

SB002270

AT LAST: Affective Training for Learning Affective Skills Today.
Project Director: Elwell, Gary F.
Organization: Augusta School Dept., Maine.
Funding Period: Start Date 1 Oct 75; End Date 1 Oct 76
Contract and/or Control No.: 76-96-549-76

The objectives of this continued project include creating administrator and teacher awareness of the value of affective learning in the skill development curriculum for high school juniors; creating a student-oriented program through affective learning consultants which involves teachers, parents, employers, and school administrators; and providing students with a contemporary definition of work to prepare them for job-seeking and job-performance requirements in terms of communication, problem-solving, attitude, and behavior skills.

SB002271

A Futuristic Approach to Vocational Education Planning at the Secondary Level.
Project Director: Gray, Kenneth C.
Organization: Maine Vocational Region 10, Brunswick.
Funding Period: Start Date 1 Oct 75; End Date 30 Jun 76
Contract and/or Control No.: 76-96-548-76

The purpose of this project is to initiate a comprehensive, futuristic planning program. The objectives for the first year are to develop and conduct a series of pre-planning workshops, contract assistance in developing planning procedures for Maine Vocational Region Ten, and develop and conduct a statistically valid sampling method to measure where the people of this vocational region are working and what jobs they perform. This planning program will be disseminated to other vocational regions.

SB002272

Occupational Education at H.O.M.E. Learning Center.
Project Director: Mitchell, Jacqueline
Organization: H.O.M.E. Co-Op, Orland, Maine.
Funding Period: Start Date 15 Feb 76; End Date 15 Jul 76
Contract and/or Control No.: 76-96-550-76

The objectives of this project are to develop, establish, and operate an occupational education component at the H.O.M.E. Learning Center. Special emphasis will be placed on young dropouts who have emotional, academic, socioeconomic, or other handicaps. The procedures include assessing occupational interests and training needs, developing an Occupational Information Bank and a library of career education materials, providing teachers and staff with training related to career education, and providing information regarding training and educational programs.

SB002273

Lewiston Modular Curriculum Development.
Project Director: Jordan, Kenneth
Organization: Lewiston School Dept., Maine.
Funding Period: Start Date 1 May 76; End Date 31 Jul 76
Contract and/or Control No.: 76-96-552-76

The goals of this project are to expand the scope of the Lewiston Modular Curriculum Development Program to encompass the development and implementation of individualized learning activity packages (LAPs) over a broadened range of subject matter including social studies, business education, and job development and reten-

tion and to develop an extended base model for in-house and external dissemination. Procedures will include training six additional teachers in the development and use of the LAPs and expanding dissemination activities.

SB002274

Implementing High School Teaching Strategies on "A Workers' Guide to Labor Law."
Project Director: O'Leary, Charles J.
Organization: Maine Univ., Orono.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76
Contract and/or Control No.: 76-96-542-76

This project will conduct eleven exemplary model labor law programs for high school students and social studies teachers residing in Biddeford, Portland, Augusta, Waterville, Rumford, Brunswick, Bangor, Calais, Skowhegan, Caribou, And Sanford. Topics of the programs will include the National Labor Relations Act, Workmen's Compensation, and employment discrimination. The project will publish and distribute "A Workers' Guide to Labor Law" and a "Teachers' Manual on A Workers' Guide to Labor Law."

SB002275

COPE (Career Opportunities Placement and Evaluation).
Project Director: Helms, Carl H.
Organization: Biddeford School Dept., Maine.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 76-96-543-76

Project COPE is designed to provide a comprehensive job development, job placement, and follow-up program for high school seniors or students exiting from school. The objectives of the project are to operate an educational component that will offer a classroom-practicum experience to all youth exiting school which will enable them to acquire and retain employment; develop lines of communication with business, industry, and the Maine Department of Manpower Affairs to facilitate the entry of youth leaving school into the labor market; and provide placement and follow-up services to all youth commensurate to their needs and abilities.

SB002276 **VTP-2208**

Lewiston Modular Curriculum Development.
Project Director: Jordan, Kenneth
Organization: Lewiston School Dept., Maine.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The goals of this project will be to refine and implement the already teacher-developed individualized instructional packages in order to increase student learning opportunities, upgrade the curriculum, continue teacher training in curriculum development, and develop a pilot program. Procedures will be to define priorities, develop and implement packages based on the priorities, refine and continue monitoring evaluation procedures, and establish package interchange.

SB002277

Job Development, Placement and Follow-Up.
Project Director: Jordon, Kenneth C.
Organization: Lewiston School Dept., Maine.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 76-96-541-76

The objectives of this project are to establish at the secondary level an effective job placement program offering each student an opportunity to acquire job finding and retention skills, career counseling, and employment. Follow-up service will assist students in career endeavors after graduation or leaving school and determine program effectiveness. Specific objectives include providing counseling services to explain career information and opportunities, vocational education availabilities, and adult education programs and establishing liaison with business and industry to develop job requirements and openings.

SB002278

North Haven Project for Career Development.
Project Director: Gjelten, Thomas G.
Organization: School Administrative District 7, North Haven, Maine.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 76-96-545-76

This project will implement a K-12 career development program suitable to the unique needs of North Haven and similar small, isolated schools. The specific objectives of this project include increasing student awareness of the variety of possible career opportunities; designing and implementing a field-trip-based curriculum suitable for all grades; developing the secondary program of career exploration, preparation, and placement using print and nonprint materials, visitors, and field trips; and offering mini-units which provide students with an extended exposure to a specific career area.

SB002279

Job Development, Placement and Follow-Up Addendum.
Project Director: Jordon, Kenneth
Organization: Lewiston School Dept., Maine.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 75-96-546-76

The purpose of this year's funding is to provide a compact data filing system to supplement the job placement aspect of this program. The system must provide quick and effective responses to employer requests for appropriate job applicants; provide quick and effective responses to student requests for appropriate prospective employers; and be compact, workable, and easily established and maintained by one person.

SB002280

Lewiston Modular Curriculum Development.
Project Director: Jordan, Kenneth C.
Organization: Lewiston School District, Maine.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 76-96-647-76

This project is designed to develop an efficient system for printing and publishing individualized learning activity packages (LAPs) to make them available for classroom use and to permit dissemination to other interested Maine schools. Through visitations and consultations, this project will also collect and disseminate data and materials directed to reinforcing the program through input of information from outside sources and making comparative analysis for effectively measuring achievements and exploiting viable methods of accomplishing goals.

SB002281

An In-School Job Placement Service for Secondary School Students.
Project Director: Miller, Susan F.
Organization: Mount Ararat School, Topsham, Maine.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76
Contract and/or Control No.: 76-96-544-76

The major objective of this third and final year of the project is to summarize the findings in "Procedural Guide for Job Placement" and disseminate this guide through workshops. The project also intends to develop a regional placement coordinating unit and a preemployment program for high school seniors.

SB002282

Environmental and Affective Learning.
Project Director: Elwell, Gary F.
Organization: Augusta School Dept., Maine.
Funding Period: Start Date 1 Jun 76; End Date 30 Sep 76
Contract and/or Control No.: 77-96-205-76

The objectives of this project are to give a group of vocational students an opportunity to learn how to deal with realistic issues of life through an environmental program. Students will learn greater self-awareness and self-esteem; develop the ability to cooperate with others, follow directions, confront fear and stress, and organize to solve problems; and relate this new knowledge and abilities to school, work, and life situations. Activities will include games for developing decision-making processes.

Fiscal Year 1977

SB002283 VTP-2770

Improvement and Development of Teaching Materials for Classes on Labor Relations, Economics, Job Search, and Labor Law.
Project Director: O'Leary, Charles J.
Organization: Maine Univ., Orono.
Funding Period: Start Date 1 Sep 76; End Date 30 Jun 77
Contract and/or Control No.: 77-96-204-77

The primary project objective is to solicit input from teachers in selected regional vocational and technical centers on how to improve "Labor: A Teacher's Manual," a guide to teaching students such job-related subjects as labor relations and economics. Other objectives are to introduce, explain, and demonstrate the use of the manual to teachers and staff of the target institutions, field test lesson plans and evaluate the suggested procedures and activities, and revise the curriculum materials as appropriate.

SB002284

Job Development, Placement and Follow-Up Addendum.
Project Director: Larouche, James
Organization: Lewiston School Dept., Maine.
Funding Period: Start Date 1 Apr 77; End Date 30 Jun 77
Contract and/or Control No.: 77-96-212-77

The goal of this project is to establish a workable model to provide an opportunity for senior vocational students to acquire the skills and knowledge necessary to pursue job opportunities effectively. The project will use learning activity packages (LAPs) to design a course of instruction which will provide learning experiences covering essential job seeking skills and will extend the operation of job development, placement, and follow-up to include assistance in resume preparation and provision of a professional resume service.

SB002285

Job Development, Placement and Follow-Up.
Project Director: Jordan, Kenneth
Organization: Lewiston School Dept., Maine.
Funding Period: Start Date 1 Apr 77; End Date 30 Jun 77
Contract and/or Control No.: 77-96-211-76

The purpose of this project is to establish a workable model to provide an opportunity for senior vocational students to acquire the skills and knowledge necessary to pursue job opportunities effectively. The project will use learning activity packages (LAPs) to design a course of instruction which will provide learning experiences covering essential job seeking skills and will extend the operation of job development, placement, and follow-up to include assistance in resume preparation and provision of a professional resume service.

SB002286

AT LAST (Affective Training for Learning Affective Skills Today).
Project Director: Elwell, Gary F.
Organization: Augusta School Dept., Maine.
Funding Period: Start Date 30 Sep 76; End Date 30 Jun 77
Contract and/or Control No.: 77-96-208-77

The objectives of this continued project include creating administrator and teacher awareness of the value of affective learning in the skill development curriculum for high school juniors; creating a student-oriented program through affective learning consultants which involves teachers, parents, employers, and school administrators; and providing students with a contemporary definition of work to prepare them for job-seeking and job-performance requirements in terms of communication, problem-solving, attitude, and behavior skills.

SB002287

AT LAST (Affective Training for Learning Affective Skills Today) Addendum.
Project Director: Elwell, Gary G.
Organization: Augusta School Dept., Maine.
Funding Period: Start Date 30 Sep 76; End Date 30 Jun 77
Contract and/or Control No.: 77-96-208-77

The objectives of this continued project include creating administrator and teacher awareness of the value of affective learning in the skill development curriculum for high school juniors; creating a student-oriented program through affective learning consultants which involves teachers, parents, employers, and school administrators; and providing students with a contemporary definition of work to prepare them for job-seeking and job-performance requirements in terms of communication, problem-solving, attitude, and behavior skills.

SB002288 VTP-2840

Supplemental Program to Occupational Guidance for Disadvantaged Youth.
Project Director: Seager, Eleanor
Organization: H.O.M.E. Co-Op, Orland, Maine.
Funding Period: Start Date 1 Jan 77; End Date 30 Jun 77
Contract and/or Control No.: 77-96-210-77

This project proposes to increase the self-confidence, improve the self-awareness, and broaden the experiences of ten H.O.M.E. Learning Center students through a five-day wilderness and urban course. Other objectives include helping students see the value of planning and practice data-gathering strategies to be used for career and life situation choices. One and one-half days will be spent in a wilderness setting; the remainder of time will be spent in Portland.

SB002289 VTP-2771

North Haven Project for Career Development.
Project Director: Gjelton, Thomas G.
Organization: North Haven School Dept., Maine.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 77-97-205-77

This project intends to continue with a program of career development for grades K-12 which is suitable to North Haven Community School and similar small, isolated schools, and supportive of the career development of its students. Specifically, the objectives of the project include providing practical skills and knowledge relevant to North Haven including boat-building, metal working, marketing and small business operations, cooperatives, and self-employment skills.

SB002290 VTP-2801

The Passive Solar Greenhouse Horticulture Program.
Project Director: Gray, Kenneth C.
Organization: Maine Vocational Region 10, Brunswick, Maine.
Funding Period: Start Date 1 Jan 77; End Date 30 Jun 77
Contract and/or Control No.: 77-96-209-77

The goal of this project is to plan and build a passive solar-energy greenhouse as part of an ongoing vocational horticulture program. Specific objectives are to develop and field test an instructional unit to teach basic solar energy concepts as they apply to greenhouses, develop and field test a four-session adult education program in solar greenhouse construction, and conduct a two-day workshop on solar greenhouses for state vocational agriculture and horticulture instructors.

SB002291

COPE (Career Opportunities Placement and Evaluation).
Project Director: Helms, Carl H.
Organization: Biddeford School Dept., Maine.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 77-96-203-77

This year of funding for the COPE project will provide for compiling, editing, and publishing a job preparation curriculum suited to student and teacher needs in Maine, making available a comprehensive job placement service to youth exiting school, and assisting other schools in Maine desiring to initiate or improve a comprehensive school-based job placement program.

SB002292

Lewiston Modular Curriculum Development.
Project Director: Jordan, Kenneth
Organization: Lewiston School Dept., Maine.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 77-96-201-77

The specific goals of this continued project include expanding the development and implementation of individualized learning activity packages in all trade and industrial curriculum areas; initiating development and implementation of learning packages in business education, cooperative education, job placement and development, remedial reading, and social studies; providing staff assistance to other Maine schools in introducing learning packages into their curricula; and refining video productions as a total teaching concept and as a supplement to learning packages.

SB002293

Lewiston Modular Curriculum Development Addendum.
Project Director: Field, Wallace R.
Organization: Lewiston School Dept., Maine.
Funding Period: Start Date 1 Jan 77; End Date 30 Sep 77
Contract and/or Control No.: 77-96-220-77

This is a continuation of a project for the state-wide development of individualized vocationally oriented curriculum material designed to broaden the range of learning opportunities in job entry skills and everyday living. This project will conduct a six-week curriculum workshop to provide teacher training in the development and use of the individualized learning activity packages (LAPs) and develop LAPs for implementation into the 1977-78 school year vocational curriculum.

SB002294 VTP-2772

Occupational Guidance for Disadvantaged Youth.
Project Director: Seager, Andrew
Organization: H.O.M.E. Co-Op, Orland, Maine.
Funding Period: Start Date 5 Sep 76; End Date 30 Jun 77
Contract and/or Control No.: 77-96-207-77

The purpose of this project is to develop an exemplary occupational education component within the H.O.M.E. Learning Center's adult high school diploma program to serve the needs of disadvantaged youth and adults. Procedures include evaluating student's interests, abilities, and training needs through individual contact, evaluative techniques, and classroom contact; running one Job/Life Planning Course during the year; and continuing to establish and solidify networks with agencies, both local and state-wide, to serve people looking for work and needing information about careers.

MARYLAND

Part C

Fiscal Year 1971

SB002295 **VTP-562**

Returnee Research Project.
Project Director: Essers, H. A.
Organization: Baltimore County Board of Education, Md.
Funding Period: Start Date 1 Sep 69; End Date 30 Jun 74

The aim of this project is to accomodate the return of sixty dropouts to a regular day school program and offer differences in school environment designed to hold these returnees. The project will also facilitate the return of 160 dropouts to an educational career oriented program other than regular day school. A summer survey will identify dropouts who wish to return to school, and they will receive intensive counseling before returning.

SB002296 **VTP-563**

Investigating Relationships Between High School and Community College Occupational Programs and Implementing Procedures on an Experimental Basis.
Project Director: Linksz, James
Organization: Catonsville Community Coll., Baltimore, Md.

The aims of this project are to research, develop, and conduct an experimental program in which mutually agreeable new relationships (courses, admissions policies, advanced standing, counseling, etc.) would be instituted and evaluated; analyze the results of the research and experimentation; and make recommendations for continuing relationships. Procedures will include investigating and synthesizing research in this area, conducting personal interviews, holding planning conferences, and implementing and evaluating the program.

SB002297 **VTP-565**

Institutional Evaluation: A Comprehensive Follow-Up of all Entrants to the Catonsville Community College from Autumn 1966 Through Autumn 1968.
Project Director: Opacinch, Cheryl Ann
Organization: Catonsville Community Coll., Baltimore, Md.
Funding Period: Start Date 1 Dec 70; End Date 30 Oct 71

The follow-up study will survey all students who entered the college from Autumn 1966 to 1968 to determine the path each took; the number who were academic casualties; the number who transferred upon receipt of a degree; the unique characteristics and needs of career-vocational students in the cognitive, skill, and affective areas; and the attributes of the career-vocational programs and services which fulfill these needs.

SB002298 **VTP-566**

Research and Development for a Computer Assisted Instruction Center for Secondary Vocational Projects.
Project Director: Sexton, Talmage
Organization: Charles County Community Coll., La Plata, Md.
Funding Period: Start Date 1 Jul 70; End Date 1 Jul 71

The objectives of the project include establishing a center for the state to do research and development in computer assisted instruction for postsecondary and secondary vocational students; developing a data bank on each participating student; and identifying, isolating, and measuring all pertinent variables relative to the optimization of the learning efficiency of the system. Emphasis will be placed on the needs and potential of handicapped and disadvantaged students.

SB002299 **VTP-561**

Vocational Education Student-Teacher Data System and Allocation of Funds FY 1971.
Organization: Charles County Community Coll., La Plata, Md.

The purpose of this project is to establish a data system for the division that will meet federal reporting requirements. The data required for the system will be collected on optical scan forms, and these forms will be processed by computer facilities at the college.

SB002300 **VTP-567**

Research Program to Determine the Manpower Needs and Student Interest for the Aviation Industry for the State of Maryland.
Project Director: Breed, Nathan
Organization: Frederick Community Coll., Md.
Funding Period: Start Date 1 Aug 70; End Date 30 Nov 70

The project seeks to assess the needs of personnel for the aviation industry and determine the student interest for occupational programs in the aviation field to be established by educational institutions in the state. The aviation industry in the state will be surveyed by mail questionnaire, and a student interest survey will be administered to college students.

SB002301 **VTP-564**

Vocational Education Development Project for the Disadvantaged.
Organization: Montgomery County Public Schools, Rockville, Md.
Funding Period: Start Date 1 Sep 70; End Date 30 Jul 71

The purpose of this study is to develop a program to identify students in a large cosmopolitan school system who are disadvantaged, identify the specific vocational needs of these students, and develop techniques to provide and coordinate appropriate vocational education programs for these students.

SB002302

Vocational Education Evaluation and Needs Assessment for Baltimore County.
Project Director: Dick, Arthur A.
Organization: Baltimore County Board of Education, Towson, Md.
Funding Period: Start Date 1 Jul 71; End Date 31 Aug 72

This project seeks to evaluate the present vocational education programs in Baltimore County and recommend future expansion and direction. Specific objectives are to (1) gather current job opportunity information in the Baltimore metropolitan area, (2) study local population trends and geographical distributions as they apply to secondary schools, (3) determine methods of curriculum development for vocational offerings, and (4) make recommendations for career programs and job development, including job placement.

Fiscal Year 1972

SB002303 **VTP-547**

Summer Survey and Returnee Research Project(s).
Project Director: Essers, H. A.
Organization: Baltimore County Board of Education, Towson, Md.

The objective of the project is to facilitate the return of 180 dropouts to a career coordinated program involving evening school or high school equivalence testing program. During the summer, returnee specialists will contact all the dropouts of the previous school year. From interviews, a determination will be made of the dropout's reason for dropping out, present situation, and plans for the future.

SB002304 **VTP-560**

A Survey and Status Evaluation of the Diversified Occupations Program in Prince George's County, Maryland.
Project Director: Doyle, Edward P.
Organization: Prince George's County Public Schools, Upper Marlboro, Md.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This study will test changes in self-concept, dropout rate, and school attendance of diversified occupations students. Additionally, those persons directly involved in the functioning of the program (students, coordinators, employers, principals) will be given an opportunity to evaluate the functioning of the program itself and to make recommendations for improvement.

SB002305 **VTP-606**

Institutional Evaluation Revisited, Revised and Extended: Focus on the Career Student.
Project Director: Opacinch, Cheryl
Organization: Catonsville Community Coll., Baltimore, Md.
Funding Period: Start Date 1 Sep 71; End Date 30 Aug 72

This project is designed to provide an opportunity to implement any needed alterations and extensions in a follow-up study conducted in 1970-1971. Questionnaire alterations will be made after an examination of the results of the original questionnaire, and after a review of relevant literature and sources.

SB002306 **VTP-620**

An Empirical Investigation of the Effects of the Catonsville Community College Environment Upon the Affective Development of Career-Vocational Students and Suggested Pragmatic, Environmental Alternatives: Towards A Generalizable Model for this Assessment.
Project Director: Opacinch, Cheryl
Organization: Catonsville Community Coll., Baltimore, Md.
Funding Period: Start Date 1 Aug 71; End Date 30 Jul 72

The purpose of this study is to empirically determine selected affective characteristics of entering career students which relate to institutional and career program goals and evaluate the achievement of these goals, re-evaluate affective goals stressed by the institution in terms of resultant data, and explore other apparently fruitful uses of the collected data and suggest needed research.

SB002307 **VTP-566**

Research and Development for a Computer Assisted Instruction Center for Secondary Vocational Projects.
Project Director: Sexton, Talmage
Organization: Charles County Community Coll., La Plata, Md.

The objectives of the project include establishing a center for the state to do research and development in computer assisted instruction for postsecondary and secondary vocational students; developing a data bank on each participating student; and identifying, isolating, and measuring all pertinent variables relative to the optimization of the learning efficiency of the system. Emphasis will be placed on the needs and potential of handicapped and disadvantaged students.

SB002308

Para-Professionals as Debt, Nutrition, and Medicare Counselors: A Study in Effectiveness.
Project Director: Richmond, Lee J.
Organization: Dundalk Community Coll., Baltimore, Md.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 73

This project seeks to determine whether paraprofessionally trained debt counselors, nutrition aide counselors, and medicare and medicaid counselors can serve a real social need. Procedures will include selecting a control and experimental group. Three groups will be used: one group will meet with a paraprofessionally trained counselor (the experimental group). The control group will be divided into two sections: one half will not meet anyone while the other half will meet with a counselor but will not receive the information provided the experimental group.

Fiscal Year 1973

SB002309

Para-Professionals as Debt, Nutrition, and Medicare Counselors: A Study in Effectiveness.
Project Director: Richmond, Lee J.
Organization: Dundalk Community Coll., Baltimore, Md.
Contract and/or Control No.: 100221-R

This project seeks to determine whether paraprofessionally trained debt counselors, nutrition aide counselors, and medicare and medicaid counselors can serve a real social need. Procedures will include selecting a control and experimental group. Three groups will be used: one group will meet with a paraprofessionally trained counselor (the experimental group). The control group will be divided into two sections: one half will not meet anyone while the other half will meet with a counselor but will not receive the information provided the experimental group.

SB002310

A Research Project to Develop Model Curricula for Food Technician Program.
Project Director: Shah, Shirish K.
Organization: Chesapeake Coll., Wye Mills, Md.

In its second year, this three-year project intends to (1) distribute the remaining questionnaires and collect and analyze the data; (2) develop concurrently several model curricula including those for Associate of Arts degree, a formal certificate program, and short retraining courses; (3) design the follow-up questionnaire to determine the validity of the model curricula; and (4) collect and analyze the resulting data.

SB002311

Empirical Optimality Determination of Three Career Planning and Development Aspects: Articulation, Community Participation and Faculty Commitment.
Project Director: Opacinch, Cheryl A.
Organization: Catonsville Community Coll., Baltimore, Md.
Contract and/or Control No.: 100200R

These three activities are designed to improve the planning and development aspects of career programs. The Institutional Goals Inventory will be used to determine vocational and other institutional goals of the College as perceived by the liberal arts and career vocational faculty. A manual will be published which will provide both the rationale and mechanics necessary to replicate the articulation workshop conducted as part of a program articulation study. A study will be conducted to utilize community members in their areas of expertise as well as other areas in the educational planning process.

SB002312

Career Information Resource Center for Learning Experiences.
Project Director: Kirk, William
Organization: Baltimore County Board of Education, Md. Western Vocational-Technical Center.
Funding Period: Start Date 1 Jul 72; End Date 1 Jul 75
Contract and/or Control No.: 01.75

This program seeks to demonstrate how a career resource information center can serve elementary, junior high, and senior high schools as a vehicle for goal orienting students and motivating education in the separate disciplines. Specific objectives include providing information to students upon which intelligent career choices can be based by parents and students, stimulating better school achievement by emphasis on career goals, and providing teachers with career instructional materials which can be used in the classroom.

SB002313

Compilation and Dissemination of Existing Research Findings Concerning the Vocational Industrial Teacher in the State of Maryland.
Project Director: Gelina, Robert J.
Organization: Maryland Univ., College Park.
Funding Period: Start Date 1 Jan 73; End Date 31 May 73
Contract and/or Control No.: 100100R

This project seeks to disseminate research findings concerning the vocational education teacher that would be useful to state and local supervisors who hire, supervise, and evaluate teachers. Specific objectives are to (1) compile the information contained in four dissertations in a concise form; (2) present this information in a softbound booklet; (3) disseminate the booklets to all vocational personnel within the state; and (4) disseminate the booklets to all state depart-

ments of education, divisions of vocational education, in the United States.

SB002314

A Study to Assess the Feasibility of Installation of A Computer and/or an Information Dissemination System for Vocational Education in the Allegany County Resource Center.
Project Director: Gelina, Robert J.
Organization: Maryland Univ., College Park.
Funding Period: Start Date 1 Sep 73; End Date 1 Jan 74

This project seeks to determine the need for installing a computer or an information dissemination system for vocational education to serve the counties of Allegany, Garrett, and Washington, as well as the state of Maryland. If a need is established the project will recommend the kind of equipment necessary to operate such a system and will determine the installation and operating costs.

SB002315

Research and Development of a Computer-Assisted Instruction Center for Postsecondary Vocational Projects.
Project Director: Sexton, Talmage W.
Organization: Charles County Community Coll., La Plata, Md.
Funding Period: Start Date 1 Jul 72; End Date 1 Jul 73

The project objectives include establishing a center for the state of Maryland for research and development of computer-assisted instruction for postsecondary and secondary vocational students; developing a data bank containing demographic, psychometric, and achievement information about each participating student; and developing learning trees, with behavioral objectives, based on analysis of the learning hierarchies of the curriculum in the Pollution Control Science, Basic Data Processing, Police Science, Apprentice Engineering Technology, Estuary and Resource Technician Training and Medical Technician Training programs.

SB002316

Postsecondary Evaluation System Planning Conference.
Organization: Prince George's Community Coll., Largo, Md.
Funding Period: Start Date 14 Feb 73; End Date 17 Feb 73

The committee established to design, test and implement a system of evaluation for postsecondary occupational education (for career programs) seeks a suitable location to carry out its activities during a concentrated three-day planning session. The result of the session will be a draft copy of the evaluation instrument and system for the evaluation of postsecondary career programs.

Fiscal Year 1974

SB002317 VTP-1747

Project ACE: Approaches to Career Education.
Project Director: Purcell, Joseph
Organization: Baltimore County Board of Education, Towson, Md.
Funding Period: Start Date 1 Jun 74; End Date 31 Dec 77

The objective of this project is to conduct a one-week staff development summer workshop to increase faculty awareness of career education and to lay plans and prepare for schoolwide involvement in career education. A program of career awareness will be provided for tenth grade students to involve them in decision making pertaining to goals and exploration of occupational clusters. An evening class in career education for a group of thirty to fifty parents will be conducted.

SB002318 VTP-1746

Career Information Resource Center for Learning Experiences.
Project Director: Smith, Kenneth H.
Organization: Baltimore County Board of Education, Towson, Md. Western Vocational-Technical Center.
Funding Period: Start Date 1 Jul 73; End Date 30 Jul 76

The purpose of this project is to provide information upon which intelligent career choice can be made by parents and students, stimulate better school achievement, provide teachers with career instructional materials for use in the classroom, increase emphasis upon career exploration, and provide hands-on experiences for teachers through inservice programs. A workshop will be conducted to survey available commercial material, curricula, and career needs.

SB002319

Proposal for A Study of the Effects of Career Education in the Prince George's County Public School System.
Project Director: Crawford, N. Edwin
Organization: Prince George's County Public Schools, Upper Marlboro, Md.
Funding Period: Start Date 1 Jan 74; End Date 31 Jul 74
Contract and/or Control No.: 100-200-R

The goal of this project is to determine the effect of the inclusion of career education in an instructional program on pupil progress in acquiring basic educational skills. This study of elementary and secondary pupils enrolled in regular classes will also evaluate acquisition of career awareness knowledge, student and teacher attitudes toward career education, and attendance patterns of students in career education programs.

SB002320

A Study to Determine the Effectiveness of Multimodeling Individualized Instructional Packages in Teaching Seminar Methodology to Occupational Industrial Education Teachers.
Project Director: Anderson, Lowell D.
Organization: Maryland Univ., College Park. Dept. of Industrial Education.
Funding Period: Start Date 1 Jan 74; End Date 31 Dec 74
Contract and/or Control No.: 100600-R

The primary objective of this postsecondary teacher education program is to determine the effectiveness and increase the efficiency of teaching seminar methodology to interns. Secondary objectives include packaging teachable modules which can be used in simulated learning to teaching behaviors and determining if packages provide a feasible procedure for teaching behaviors to introductory teachers which will assure success.

SB002321

A Proposal to Implement in the Local High Schools and Community College A Computerized Vocational Information, Computer-Assisted Instruction, and Administrative Support System.
Project Director: Langley, Joseph R.
Organization: Charles County Community Coll.; La Plata, Md.

The purpose of this project is to provide a generalized online total integrated vocational information system that would perform numerous educational functions for students, teachers, and counselors in Charles, St. Mary's, and Calvert counties. The programs and facilities at the Charles County Community College will provide secondary and postsecondary students and adults in those counties with remedial and advanced courses; information on career education, awareness, and guidance; and administrative assistance with student records.

SB002322

A Research Project to Develop Model Curricula for Food Technician Program.
Project Director: Shah, Shirish K.
Organization: Chesapeake Coll., Wye Mills, Md.
Contract and/or Control No.: 100600R

In its second year, this three-year project intends to (1) distribute the remaining questionnaires and collect and analyze the data; (2) develop concurrently several model curricula including those for Associate of Arts degree, a formal certificate program, and short retraining courses; (3) design the follow-up questionnaire to determine the validity of the model curricula; and (4) collect and analyze the resulting data.

Fiscal Year 1975

SB002323 VTP-2154

Project ACE: Approaches to Career Education.
Project Director: Wheeler, Joshua R.
Organization: Baltimore County Board of Education, Towson, Md.
Funding Period: Start Date 1 Jun 75; End Date 30 Jun 78

This three-year project will test career development approaches and their influence on decision-making skills of tenth grade students. Procedures will include increased faculty career awareness and involvement; student evaluation of interests, abilities, values, and needs related to occupational roles; student development of decision-making skills; student relation of experiences to future course selec-

tion; and maintenance of individual curriculum development files for all students.

SB002324 VTP-2152

Career Information Resource Center for Learning Experiences.
Project Director: Wheeler, Joshua R.
Organization: Baltimore County Board of Education, Towson, Md.
Funding Period: Start Date 1 Jul 73; End Date 1 Jul 76

The focus of this project is to further develop a career resource information center to serve both elementary and high schools. The objectives are to increase information about existing vocational programs and emphasis upon career exploration and choice, upgrade school achievement, and provide teachers with career instructional materials and hands-on experiences through inservice programs. A career information library will continue to be assembled.

SB002325 VTP-2273

Evaluation of Carroll County Vocational-Technical Education.
Project Director: Thomas, George E.
Organization: Carroll County Board of Education, Westminster, Md.
Funding Period: Start Date 15 May 75; End Date 6 Jun 75

This project is designed to provide an opportunity to implement an evaluation strategy of the secondary vocational and technical programs offered in Carroll County. An appropriate evaluation using a questionnaire or other appropriate instruments will be designed and conducted.

SB002326 VTP-2210

A Comparison of Work Values Held by Students, Parents, and Teachers.
Project Director: Mietus, Walter
Organization: Maryland Univ., College Park.
Funding Period: Start Date 1 Dec 74; End Date 31 Dec 75

This project seeks to compare the work values of students, parents, teachers, and counselors at selected high schools as an aid in implementing career education. The objectives are to develop an instrument to measure adherence to the work ethic, compare adherence to the work ethic between groups, and study relationships between work values of teachers and counselors and the concepts of career education. Test items will be developed reflecting work values and will be administered to each group.

SB002327 VTP-2368

Community Participation in Vocational Course Planning.
Project Director: Barringer, B. A.
Organization: Catonsville Community Coll., Baltimore, Md.

This project is an extension of a previously funded project which sought to provide community input in vocational course planning. The purpose of this study is to extend that project–to provide various mechanisms for community members to influence the college's vocational offerings, particularly in the noncredit area.

Fiscal Year 1976

SB002328 VTP-2368

Community Participation in Vocational Course Planning.
Project Director: Barringer, B. A.
Organization: Catonsville Community Coll., Baltimore, Md.
Contract and/or Control No.: 100200-R

This project is an extension of a previously funded project which sought to provide community input in vocational course planning. The purpose of this study is to extend that project–to provide various mechanisms for community members to influence the college's vocational offerings, particularly in the noncredit area.

SB002329 VTP-2273

Evaluation of Carroll County Vocational-Technical Education.
Project Director: Thomas, George E.
Organization: Carroll County Board of Education, Westminster, Md.
Funding Period: Start Date 15 May 75; End Date 6 Jun 75

This project is designed to provide an opportunity to implement an evaluation strategy of the secondary vocational technical programs offered in Carroll County. Program acceptance and cost quality of the vocational programs will be assessed. The project will design, conduct, and present an appropriate evaluation using a questionnaire or other appropriate instruments necessary to complete the evaluation process.

SB002330

Project ACE: Approaches to Career Education.
Project Director: Saunders, Doris
Organization: Baltimore County Board of Education, Towson, Md.

Project objectives include (1) Increasing faculty awareness of career education concepts through a staff development summer workshop; (2) updating current materials, developing new materials, and developing implementation strategies; (3) providing a tenth grade career awareness program; (4) enabling students to explore occupational clusters; and (5) maintaining individual ongoing curriculum development portfolios for all tenth and eleventh grade students.

SB002331

Career Information Resource Center for Learning Experiences.
Project Director: Smith, Kenneth H.
Organization: Baltimore County Board of Education, Towson, Md. Western Vocational-Technical Center.
Funding Period: Start Date 1 Jul 73; End Date 1 Jul 76
Contract and/or Control No.: 01.75

Objectives for this continuing project include (1) housing all career services in one location; (2) making available to students a system of vocational evaluation, career information, counseling, career training, and employment; (3) beginning teacher inservice career education activities at ten new locations; (4) acquiring media for a wider range of occupations; and (5) coordinating career activities in feeder schools (seven high, eleven junior high, and forty elementary schools).

SB002332

The Comparison of Work Values of Students, Parents and Teachers.
Project Director: Mietus, Walter
Organization: Maryland Univ., College Park.
Funding Period: Start Date 1 Dec 74; End Date 31 Dec 75

This research study seeks to compare the work values of students, parents, teachers, vocational educators, and guidance counselors in the tenth, eleventh, and twelfth grades of selected high schools in Maryland. Objectives include developing an instrument to measure adherence to various aspects of the work ethic and studying the relationships between work values held by teachers and guidance counselors and the concepts of career education.

SB002333

Project ACE: Approaches to Career Education, Overlea Senior High School.
Project Director: Saunders, Doris
Organization: Baltimore County Board of Education, Towson, Md.

In the third year of a three-year program, this project for tenth grade students includes the following objectives: conduct a two-week staff development summer workshop; establish a career resource center; evaluate the effects on students of field experiences and media exploration; and identify a relationship between career education and selection of courses for eleventh and twelth grades.

Fiscal Year 1977

SB002334

Cost Effectiveness of Career Programs at Essex Community College.
Project Director: Dreisch, G. Norman
Organization: Essex Community Coll., Md.
Funding Period: Start Date 1 Jan 77; End Date 30 Jun 77

A cost analysis of each of the College's career and certificate programs will be conducted and the data used to develop a comprehensive evaluation program which would also include such components as graduate follow-up surveys, accreditation reports, and course content analysis. Documents resulting from this project will include a

preliminary analysis of per student costs, a methodology for estimating operating costs, and a methodology for using the cost analysis in a comprehensive program evaluation.

SB002335

Evaluation of Training Techniques in Multi-Unit Food Service Organizations.
Project Director: Dreisch, G. Norman
Organization: Essex Community Coll., Md.
Funding Period: Start Date 1 Jan 77; End Date 30 Jun 77

The objective of this project is to conduct an analysis of existing inservice personnel training programs in the food service industry. This information will be used to develop potential courses (both credit and noncredit) to be offered at Essex Community College in conjunction with their Restaurant-Club Management curriculum. Mailed questionnaires to participating industry personnel, followed by personal interviews, will be used to collect data.

SB002336

A Computer-Assisted Career Information System - Proposal 1.
Project Director: Halterman, Martha W.
Organization: Essex Community Coll., Md.
Funding Period: Start Date 1 Feb 77; End Date 30 Jun 77

A career information software package which can be adapted for college use will be purchased from Oregon and modified for local use. Such a system will allow students easy access to career information and free counselors from many time-consuming information gathering tasks. An evaluation of the system by students and counselors will begin approximately four months after purchase of the package.

SB002337

Cost Effectiveness of Career Programs at Essex Community College: Phase II.
Project Director: Dreisch, G. Norman
Organization: Essex Community Coll., Md.
Funding Period: Start Date 1 Jul 77; End Date 31 Oct 77
Contract and/or Control No.: 100200-R

Phase II of this project will finalize a methodology for determining actual costs of providing occupational programs to both full-time and part-time students. Indepth interviews of a sample of students will also be conducted to determine course enrollment patterns. Information collected will be integrated with that collected in Phase I and an interpretive report prepared, along with a short-term evaluation of the project.

SB002338

Remedial Writing and the Career Program Student.
Project Director: Dreisch, G. Norman
Organization: Essex Community Coll., Md.
Funding Period: Start Date 1 Jul 77; End Date 30 Sep 77

The purpose of this project is to conduct an analysis of the College's remedial writing course. Procedures will include searching the literature on the writing needs of students, meeting with directors of other remedial writing programs with attention to using audiovisual hardware and software in teaching writing skills, determining needs and expectations of prospective employers, and investigating the feasibility of developing a writing resource center.

SB002339

Solar Energy Technican.
Project Director: Scarlett, Joseph A.
Organization: Catonsville Community Coll., Baltimore, Md.

The purpose of this project is to determine the need for technicians in solar energy and course requirements to train technicians. Procedures include conducting a literature search, conducting a solar industry manpower needs survey in the metropolitan Baltimore area, investigating existing solar energy programs in community colleges, developing a task analysis and performance-based objectives, and developing course descriptions and objectives.

SB002340

A Survey of the Educational Needs of the Cecil County General Populations with Implications for Changes to the Services Offered at Cecil Community College.
Project Director: Galoff, Freeman N.
Organization: Cecil Community Coll., Elkton, Md.
Funding Period: Start Date 18 Jan 77; End Date 28 Feb 77

The purpose of the project is to answer questions regarding course and program service needs, verification of institutional objectives, best methods for delivery of the services, and taxpayer support of the college. The pilot project is part of a future comprehensive institutional needs assessment.

SB002341

Vocational/Career Program Outcome Model.
Project Director: Yorkis, Paul G.
Organization: Harford Community Coll., Bel Air, Md.
Funding Period: Start Date 17 Apr 77; End Date 15 Sep 77

The objective of this project is to implement an ongoing vocational/career program outcome model considering various outcome measures which will provide feedback for educational and management decisions relating to enrollments, finance, and perceived student satisfaction. The project will assist the College in moving toward increasing the number and viability of vocational/career programs.

SB002342

Exploration of Career Program Course Scheduling Using the Critical Path Method.
Project Director: Marcello, John R.
Organization: Harford Community Coll., Bel Air, Md.
Funding Period: Start Date 30 Apr 77; End Date 1 Sep 77

This project will test the feasibility of applying "critical path analysis" to aid students in scheduling courses to successfully complete a career program. It will provide a high speed planning tool to systematically and objectively integrate a student's record with total program requirements.

SB002343

Development of a Center for Mid-Career Change.
Project Director: Upperman, Ronald P.
Organization: Harford Community Coll., Bel Air, Md.
Funding Period: Start Date 1 May 77; End Date 15 Mar 78

The objective of this project is to identify and develop appropriate counseling strategies to assist individuals making mid-career changes. The counseling model to be developed will include assessment of motivation for change, comprehensive work history, self-assessment, employment objectives and career objectives.

SB002344

Development of a "Do-It-Yourself Career Lab."
Project Director: Pelletier, Dennis M.
Organization: Harford Community Coll., Bel Air, Md.
Funding Period: Start Date 1 Jun 77; End Date 31 Jan 78

Counseling staff will design and implement six modules intended to assist individuals to independently clarify or establish career goals. The modules will deal with an introduction to the laboratory experience, self-knowledge, occupational and educational information, career decision making, employment search, and suggested "reality" checks.

SB002345

Mediated Instructional Packages for Computer Operations.
Project Director: Tanner, Glenn A.
Organization: Harford Community Coll., Bel Air, Md.
Funding Period: Start Date 1 May 77; End Date 15 Jul 77

The objective of this project is to implement a data processing operations course using mediated instructional packages to complement laboratory and lecture instructional opportunities. Procedures will include examining available mediated packages and selecting, testing, modifying, and integrating the packages into course materials.

SB002346

The Development of Video Tapes Depicting a Conceptual Understanding of the Processes and Materials Used in Our Industrial Society.

Project Director: Starkweather, Kendall N.
Organization: Maryland Univ., College Park. Dept. of Industrial Education.

This project will produce two one-half hour color videotapes for familiarizing beginning, secondary technology students with the many processes and materials used in industry. Topics will be Characteristics of Conditioned Materials and Methods Used in Finishing Materials. These tapes would also be appropriate for inservice workshops on career education for elementary teachers.

SB002347

Assessment of and Programming for Career Concerns of High School Students.
Project Director: Byrne, Richard H.
Organization: Maryland Univ., College Park. Counseling and Personnel Services Dept.
Funding Period: Start Date 1 Sep 77; End Date 30 Jun 78

This project will continue to develop an instrument which will determine whether career concerns are paramount among all youths' developmental concerns and point to ways to deal with career concerns. It will also develop a program of experiences through which high school students progress, grade by grade, and acquire the skills and attitudes to equip them for a lifetime of career decision making and vocational success.

SB002348

Individualized Employability Attitudes Instructional System Field Test.
Project Director: Sarapin, Marvin
Organization: Maryland Univ., College Park.
Funding Period: Start Date 1 Oct 77; End Date 30 Jun 78

The purpose of this project is to assess the usability and effectiveness of the "Employability Attitude System" (an audiovisual assessment and activity) as a teaching-learning system in the affective domain for disadvantaged students. Both disadvantaged and nondisadvantaged vocational students will be included in the target population. Pre- and posttests will be used to assess the effectiveness of the materials.

SB002349

Behavioral Data System.
Project Director: Shipley, Thomas R.
Organization: Anne Arundel County Public Schools, Annapolis, Md.
Funding Period: Start Date 1 Feb 77; End Date 30 Jun 77

A form will be designed for reporting behavioral problems and will be tested in at least three secondary schools with vocational education students. Data will be collected monthly and analyzed for patterns in types of offenses, times of occurance, professionals involved with dispositions, and related criteria. Data will also be examined for possible cause/effect relationships with other variables. The data may be used to design programs to prevent or alter behavioral problems.

SB002350

Support for Computer Careers Program.
Project Director: Schkloven, Isaac
Organization: Anne Arundel County Public Schools, Annapolis, Md.

This project will promote a computer career program through additional modification of the present computer oriented math curriculum. Twenty-four currently enrolled eleventh and twelth grade students will avail themselves of terminal access during class time, free periods, and after school. Results will be measured by the anticipated increase in course enrollment due to prospective students learning of available support capabilities and opportunities.

SB002351

A Report on Employer Preferences and Distributive Education Teacher-Coordinator Practices in the State of Maryland.
Project Director: Martin, Nelson R.
Organization: Baltimore County Public Schools, Towson, Md.
Funding Period: Start Date 1 Mar 77; End Date 31 Aug 77

This project will seek answers to interrelated questions at the secondary level including the proportion of a teacher-coordinator's time devoted to selected activities, major problems faced by employers that limit the effectiveness of the instructional plan, level of selected competencies needed by high school students as employees, and the reasons for the business participation in the cooperative distribution program.

SB002352

Survey of Vocational-Technical Training Needs of Students Not Enrolled in Vocational Programs.
Project Director: Gettle, Karl E.
Organization: Baltimore County Board of Education, Towson, Md.
Funding Period: Start Date 1 Sep 77; End Date 1 Mar 78

A cross section of high school and college students, high school graduates, and dropouts will be surveyed or interviewed to determine present career or career goals; current course of study; interest, past or present, in vocational and technical programs; kinds of career programs that might have been interesting or helpful; and plans for further education. Recommendations made will have implications for curriculum management, articulation, and development.

SB002353

Proposal for a Mini-Grant Research Project "Effectiveness of using substitutes for freeing regular vocational teachers in order to coordinate vocational student work experience."
Project Director: Terrill, Robert E.
Organization: Caroline County Board of Education, Denton, Md.
Funding Period: Start Date 1 Mar 77; End Date 20 May 77

The purpose of this project is to enable regular vocational education teachers coordinating the student work experience programs to provide specialized and individualized observations tailored to each student, increase teacher-industry contact resulting in an increased and systematic placement of students, increase student interest in vocational education with the increased job placement awareness, gain input about curriculum needs from industry, and increase public support for vocational education.

SB002354

Motivational Effectiveness and Economical Efficiency of Using Rotating Greenhouse Benches to Increase Growing Space for Individualized Instruction in Greenhouse Management.
Project Director: Terrill, Robert E.
Organization: Caroline County Board of Education, Denton, Md.
Funding Period: Start Date 1 May 77; End Date 1 Jun 77

The purpose of this project is to assign individual growing space to each student to provide for more effective evaluation of student progress in developing skills needed for entering the greenhouse industry. Objectives also include increasing student interest and responsibility toward plant propagation and providing opportunity for each student to progress at an individual rate, to receive more specialized attention, and increase motivation as a result of more activities and projects.

SB002355

Effectiveness and Efficiency of Using Individual Instruction for Improving Speed, Thus Freeing the Student to Work on Areas of Weakness at His/Her Own Pace.
Project Director: Terrill, Robert E.
Organization: Caroline County Board of Education, Denton, Md.
Funding Period: Start Date 2 May 77; End Date 10 Jun 77

This project to increase student typing speed will provide for specialized and individualized instruction on improving speed, increased teacher-student time to work on techniques and problem typing, increased student interest in typing with the goal of improving at the student's own rate, increased typewriter time to improve speed, and increased support from businessmen within the local community.

SB002356

Identification of Potential Career Oriented Students and Their Retention in a Career Program at Harford Community College.
Project Director: Cooperstein, Bert
Organization: Harford Community Coll., Bel Air, Md.
Funding Period: Start Date 24 May 77; End Date 25 May 77

A consultant with expertise in career programs will conduct a one-day workshop for career faculty to develop understanding of the dynamics of identifying potential career students and assisting these students to complete their identified career goals.

SB002357

Howard County Adult Needs Research Study.
Project Director: Wenckowski, Charlene
Organization: Howard Community Coll., Columbia, Md.
Funding Period: Start Date 1 Nov 76; End Date 31 Jan 77

This project is aimed at determining adult career program needs. A random sample of county residents will be surveyed by telephone. Interview data will be analyzed, and program development and cooperation priorities set. The college will attempt to offer programs by 1982 that will meet the needs of 75 percent of county residents.

SB002358

Home Remodeling Construction Program.
Project Director: Smith, James S.
Organization: Howard Community Coll., Columbia, Md.
Funding Period: Start Date 15 Jun 77; End Date 15 Aug 77

A survey will be conducted to determine the need for a home remodeling course to be offered as an option to the present carpentry program. Information collected will include data on skills and knowledge required, and course objectives will be developed to meet those needs. Faculty, equipment, and scheduling requirements will also be determined.

SB002359

Medical Device Inspection.
Project Director: Smith, James S.
Organization: Howard Community Coll., Columbia Md.
Funding Period: Start Date 1 Jun 77; End Date 31 Oct 77

The purpose of this project is to analyze manpower and curriculum content needs for a new category of allied health worker, the medical device inspector, and to develop curriculum for a medical device inspection program. Procedures will include surveying selected employers, manufacturers of medical equipment, and professionals and paraprofessionals in the field, as well as establishing an advisory committee that will provide expertise in the biomedical equipment field.

SB002360

Administration of Justice, Correctional Services Program.
Project Director: Blackburn, Fredrick
Organization: Hagerstown Junior Coll., Md.

This project will produce three videotapes which will serve as orientations to field internship sites. The tapes will permit students to review each site prior to choosing one; assist the program faculty in making effective use of time; and allow the cooperating institutions to receive interns who are familiar with the institutional site, personnel, and procedures.

SB002361

IDEA System, Career Education.
Project Director: Parsons, Michael H.
Organization: Hagerstown Junior Coll., Md.
Funding Period: Start Date 2 May 77; End Date 6 May 77

This project is designed to pilot test the use of the Instructional Development and Effectiveness Assessment System (IDEA) as an instructional evaluation instrument. Fifteen volunteer career faculty will test the system in forty-five selected career courses, and the results will be tabulated and evaluated to establish a norm base for the instrument.

SB002362

ENG 112 Technical Writing.
Project Director: Means, John M.
Organization: Hagerstown Junior Coll., Md.
Funding Period: Start Date 1 Jul 77; End Date 5 Aug 77

The purpose of this project is to produce a series of six audiovisual assisted modules which will provide the focuses and themes for exercises and writing assignments in the course. The content of each program will be related to on-the-job situations. Assignment study guides and textbook keys will also be prepared to accompany each module.

SB002363

Cost Benefit Analysis.
Project Director: Maner, Arnold H.
Organization: Wor-Wic Technical Community Coll., Md.

The purpose of this project is to develop a rationale for justifying the funding of Wor-Wic Tech by the sponsoring county governments. A cost-benefit analysis will be conducted using three components: income of all individuals employed by the College; local expenditures for purchases made by the College, including rent, utilities, equipment, and supplies; and return on investment to the counties by increased earnings of students and additional revenues which will accrue.

SB002364

The Production of Innovative Instructional Models for Orientation to the Technologies.
Project Director: Davies, Malcolm
Organization: Baltimore Community Coll., Md. Harbor Campus.
Funding Period: Start Date 1 Mar 77; End Date 1 Dec 77

The purpose of this project is to produce and test experimental instructional materials for the entry-level technology student. Procedures include the following alternatives: incorporating materials into existing courses, creating a required introductory technology course, and using the materials as an orientation program or for promotion of vocational and technical programs. Subject areas include drafting, manufacturing and production, construction, automotive, heating, air conditioning and refrigeration, traffic safety, and marine technology.

SB002365

The Exploration for an Effective Mode of Career Orientation for Students at Harbor Campus of the Community College of Baltimore.
Project Director: Moore, Christine
Organization: Baltimore Community Coll., Md. Harbor Campus.
Funding Period: Start Date 1 Apr 77; End Date 1 Oct 77

The objective of this project is to survey approximately 500 students to determine the overall character, content, and priority of a student orientation program. A critical analysis of various models will be written from the viewpoint of content, scheduling, mode of instruction, additional assistance to the students, and cost effectiveness. Several models will be recommended for possible implementation.

SB002366

The Exploration of Peer Counseling Models for the Community College of Baltimore, Harbor Campus.
Project Director: Moore, Christine
Organization: Baltimore Community Coll., Md. Harbor Campus.

The purpose of this project is to determine the overall character, training techniques, and delivery system of a peer counselor training program and to recommend procedures for developing a program which will serve diverse student populations. Development of such a program will augment services currently provided by the professional counselors.

SB002367

The Development of Video Tapes Depicting a Conceptual Understanding of the Processes and Materials Used in Our Industrial Society.
Project Director: Starkweather, Kendall N.
Organization: Maryland Univ., College Park. Dept. of Industrial Education.

This project will produce two one-half hour color videotapes to familiarize secondary technology students with the many processes and materials used in industry. Two one-half hour color videotapes will be produced. Topics will be Methods of Forming Materials and Bonding and Fastening Materials. These tapes would also be appropriate for inservice workshops on career education for elementary teachers.

SB002368

The Development of Video Tapes Depicting a Conceptual Understanding of the Processes and Materials Used in Our Industrial Society, SET B.
Project Director: Starkweather, Kendall N.
Organization: Maryland Univ., College Park. Dept. of Industrial Education.

This project is part of a videotape series for familiarizing beginning secondary technology students with the many processes and materials used in industry. Two one-half hour color video tapes will be produced. Topics will be Types of Materials and Their Properties and Processes Used in Separating Materials. The tapes would be appropriate for inservice workshops for elementary teachers and could also be used to assist in communicating relationships within clusters of materials and processes.

SB002369

Career Materials for the Emotionally Impaired.
Project Director: Seidel, Barbara
Organization: Carroll County Board of Education, Westminster, Md.

The purpose of this project is to develop a library of career materials and equipment for emotionally impaired secondary students which would focus on self-appraisal for career selection; interpersonal relationships and their importance in job success, values clarification and the decision-making process; career clusters and the educational requirements, training, etc., for specific jobs within the clusters; essential skills for obtaining jobs; and consumer skills.

SB002370

Evaluating Career Education Curriculum for the Handicapped.
Project Director: Seidel, Barbara
Organization: Carroll County Board of Education, Westminster, Md.
Funding Period: Start Date 1 sep 77; End Date 30 Jun 78

The purpose of this project is to develop a Decision-Making Unit as part of the career education curriculum materials for handicapped secondary students. Materials to be purchased for the unit will focus on methods for making decisions, the role values play in decision making, evaluating decisions, and understanding the role that decision making plays in career planning. Pre- and posttests will be given to evaluate students' improvement in knowledge and use of decision-making factors.

SB002371

Mini-Grants for Research Projects in Vocational-Technical Education.
Project Director: Davis, Lloyd R.
Organization: Dorchester County Board of Education, Cambridge, Md.
Funding Period: Start Date 1 Apr 77; End Date 1 Jun 77

The purpose of this project is to provide data for planning and evaluation to provide a more effective program of vocational and technical instruction. The Ray Self-Evaluation Checklist will be administered to teachers, administrators, and senior-level students in the various vocational and technical programs. Results will be presented in profiles, graphs, and charts which compare present programs with those which have been defined as "quality".

SB002372

To Develop an Evaluation Center.
Project Director: Smith, Max
Organization: Howard County Public School System, Ellicott City, Md.

The objective of this project is to develop an evaluation center that would give students, parents, school personnel, and counselors assistance in developing vocational programs for individual students. Selected personnel will visit established successful evaluation centers and attempt to establish a firm basis for developing an evaluation center. A committee will analyze all information obtained.

SB002373

To Determine Student Interest and Parent Interest in Vocational Education in Howard County.
Project Director: Smith, Max
Organization: Howard County Public School System, Ellicott City, Md.
Funding Period: Start Date 1 Jan 77; End Date 1 Jun 77

This project will consist of two surveys: students in grades 9, 10, and 11, and their parents. The surveys will determine vocational interests of students in grades 9, 10, and 11; interest of "academic" students in vocational offerings if scheduled after the close of the regular school day; and interest of parents in vocational education.

SB002374

Follow-Up Study of Vocational Graduates - 1976.
Project Director: Smith, Max
Organization: Howard County Public School System, Ellicott City, Md.
Funding Period: Start Date 1 Jan 77; End Date 1 Jun 77

To evaluate and improve vocational education programs, a follow-up study by telephone calls to graduates, employers, and parents will be conducted, supplemented by on-the-job visits as necessary. Strong and weak points of each student's preparation and progress made since job placement will be determined. Suggestions for improving vocational courses will be solicited.

SB002375

Baltimore City Trade and Industrial Program Needs Assessment Project.
Project Director: Rybka, Theodore F.
Organization: Baltimore City Public Schools, Md.
Funding Period: Start Date 1 May 77; End Date 30 Apr 78

The purpose of this project is to develop and pilot test a program needs assessment model and to establish the needs of trade and industrial teachers. The model will be adapted from existing models and will include a survey instrument consisting of a listing of statements and validated competencies concerned with the needs of trade and industrial teachers. Data collected will be used to compare existing program and teaching conditions with desired conditions.

SB002376

Development and Implementation of a Follow-Up Model for Graduates of Vocational Programs.
Project Director: Whitten, Benjamin
Organization: Baltimore City Public Schools, Md.
Funding Period: Start Date 30 Jun 77; End Date 12 Aug 77

The purpose of this project is to develop and pilot test a viable follow-up system for surveying graduates' opinions of vocational programs. Approximately 2,000 graduates are to be contacted by telephone calls, home visits, and mailed questionnaires. Counselors and field workers will be on a noon to 8 p.m. workshift to maximize contact with graduates. Trade areas to be considered are automotive body mechanics, automotive mechanics, nursing, office occupations (excluding data processing), needle trades, cosmetology, food service, and welding.

SB002377

RCU - Vocational Center (Data Processing).
Organization: Anne Arundel County Board of Education, Annapolis, Md.

This project will fund the Vocational Center data processing expenditures for FY 1977.

SB002378

RCU - Vocational Center (Data Processing).
Organization: Anne Arundel County Board of Education, Annapolis, Md.

This project will fund the Vocational Center data processing expenditures for FY 1978.

Part D

Fiscal Year 1970

SB002379

Marine Science Technology.
Project Director: Silver, George
Organization: Chesapeake Coll., Wye Mills, Md.

This project seeks to establish a marine science technology program which stresses education in marine science specialties. The program will include a planned sequence of experiences that will prepare the student for a known cluster of job opportunities in the marine technology field. Students will be able to structure individual studies and projects.

SB002380

A Pilot Program for Early Vocational Orientation and Training.
Project Director: Brusini, Joseph A.
Organization: Perry Hall Junior High School, Towson, Md.
Contract and/or Control No.: 210000

The principal goals of the early vocational training program are to increase the effectiveness of junior high instruction through using vocational education concepts and present a basic foundation for later occupational decision making. The project will focus on the students' basic numerical and verbal skills, specific vocational instruction in the various occupational areas, vocational guidance, basic technology, human relations, background knowledge of the world of work, and citizenship.

SB002381

Staff Development for Occupational Awareness. (Analysis Phase)
Project Director: Petry, Jack A.
Organization: Allegheny County Board of Education, Cumberland, Md.
Funding Period: Start Date 1 Apr 71; End Date 30 Jun 71
Contract and/or Control No.: 20000

This project seeks to train the staff of the Appalachian Maryland region to more effectively integrate career education into their classes, grades K-12. Specific objectives are to (1) gather local occupational information and manpower projections, (2) develop materials which would incorporate the above information into the curriculum, (3) train teachers to become more proficient in presenting the above materials, and (4) provide workshops in which to train teachers about career education and how to teach it.

SB002382

Group Guidance and Differentiated Staffing.
Project Director: McCleaf, James E.
Organization: Saint Mary's County Board of Education, Leonardtown, Md.

This three-year project seeks to provide intensive vocational guidance to students in high schools of St. Mary's County, help train other teachers in the system to teach vocational units in their courses, provide countywide placement and follow-up services, and improve the relationship between the school and other job-oriented service agencies. Two guidance teachers and two guidance aides will be employed for this purpose.

SB002383

Summer Survey of Dropouts.
Project Director: Essers, Hendrik A.
Organization: Baltimore County Board of Education, Towson, Md.

This program seeks to encourage recent school dropouts to return and stay in school. Specifically, the program plans to accommodate the return of 250 dropouts within a regular program, offer differences in school environment designed to hold these returnees, and determine the effect upon holding power of several identifiable and measurable school differences.

SB002384

Vocational Technical Guidance Services.
Project Director: Kuhl, Edward C., Jr.
Organization: Harford Community Coll., Bel Air, Md.
Contract and/or Control No.: 210000

This three-year project aims to expand student personnel services to the Bel Air community. Specifically, people will be hired whose full-time concern will be serving individuals at all levels with occupational and educational guidance services consistent with local, state, and national manpower needs and job opportunities. These services would be extended to those not previously served, such as the unemployed, the underemployed, and the culturally and economically disadvantaged.

SB002385

Operation "MOORED" (Motivation and Orientation of Educationally Disadvantaged).
Project Director: Carsey, J. N.
Organization: Charles County Community Coll., La Plata, Md.
Funding Period: Start Date 1 Sep 69; End Date 30 Jun 70

Project MOORED seeks to significantly increase the number of students from southern Maryland who go into postsecondary education in occupational programs. It will also attempt to reach students who have been out of schools for several years, but who have the potential for additional occupational training. Specific objectives include identifying and categorizing those high school seniors who, without special motivation, would not consider education beyond high school and orienting those students to career education opportunities.

SB002386

Implementation of Occupational Information Into the Present Curriculum K-5.
Project Director: Pennington, Media H.
Organization: Howard County Board of Education, Md.
Funding Period: Start Date 1 Jan 70; End Date 31 Dec 72

The objectives of this three-year project include (1) increasing children's awareness of their personal abilities and limitations, (2) teaching the child how the choice of one's occupation relates to the satisfaction of basic needs, (3) providing opportunities for the child to explore interests and personal values and learn how they can be translated into realistic vocational choices, and (4) helping the child to recognize that school achievement is an aspect of vocational choice and understand the relationship between education and employment.

Fiscal Year 1971

SB002387

Staff Development for Occupational Awareness. (Analysis Phase)
Project Director: Petry, Jack A.
Organization: Allegheny County Board of Education, Cumberland, Md.
Funding Period: Start Date 1 Apr 71; End Date 30 Jun 71
Contract and/or Control No.: 20000

This continued project seeks to train the staff of the Appalachian region to more effectively integrate career education into their classes, grades K-12. Specific objectives are to (1) gather local occupational information and manpower projections, (2) develop materials which would incorporate the above information into the curriculum, (3) train teachers to become more proficient in presenting the above materials, and (4) provide workshops in which to train teachers about career education and how to teach it.

SB002388

Group Guidance and Differentiated Staffing.
Project Director: McCleaf, James E.
Organization: Saint Mary's County Board of Education, Leonardtown, Md.

This is the second year of a project which seeks to provide intensive vocational guidance to students in high schools of St. Mary's County, help train other teachers in the system to teach vocational units in their courses, provide countywide placement and follow-up services, and improve the relationship between the school and other job-oriented service agencies. Two guidance teachers and two guidance aides will be employed for this purpose.

SB002389

Summer Survey of Dropouts.
Project Director: Essers, Hendrik A.
Organization: Baltimore County Board of Education, Towson, Md.

This program seeks to encourage recent school dropouts to return and stay in school. Specifically, the program plans to accommodate the return of 250 dropouts within a regular program, offer differences in school environment designed to hold these returnees, and determine the effect upon holding power of several identifiable and measurable school differences.

SB002390

Vocational Technical Guidance Services.
Project Director: Kuhl, Edward C., Jr.
Organization: Harford Community Coll., Bel Air, Md.
Contract and/or Control No.: 210000

This is the second year of a project which seeks to expand student personnel services to the Bel Air community. Specifically, people will be hired whose full-time concern will be serving individuals at all levels with occupational and educational guidance services consistent with local, state, and national manpower needs and job opportunities. These services would be extended to those not previously served, such as the unemployed, the underemployed, and the culturally and economically disadvantaged.

SB002391

Operation "MOORED" (Motivation and Orientation of Educationally Disadvantaged).
Project Director: Carsey, J. N.
Organization: Charles County Community Coll., La Plata, Md.

This is the second year of project MOORED, which seeks to significantly increase the number of students from southern Maryland who go into postsecondary education in occupational programs. It will also attempt to reach students who have been out of schools for several years, but who have the potential for additional occupational training. Specific objectives include identifying and categorizing those high school seniors who, without special motivation, would not consider education beyond high school and orienting those students to career education opportunities.

SB002392

Implementation of Occupational Information Into the Present Curriculum K-5.
Project Director: Pennington, Media H.
Organization: Howard County Board of Education, Md.
Funding Period: Start Date 1 Jan 70; End Date 31 Dec 72

This is the second year of a three-year project whose objectives include (1) increasing children's awareness of their personal abilities and limitations, (2) teaching the child how the choice of one's occupation relates to the satisfaction of basic needs, (3) providing opportunities for the child to explore interests and personal values and learn how they can be translated into realistic vocational choices, and (4) helping the child to recognize that school achievement is an aspect of vocational choice and understand the relationship between education and employment.

SB002393

Career Development Program, Longfields Elementary School.
Project Director: Geissenhainer, S. W.
Organization: Prince George's County Public Schools, Upper Marlboro, Md.
Contract and/or Control No.: 210030-5

This program intends to establish career development themes in the curriculum of grades K-6. Under the guidance of a professionally trained elementary industrial arts teacher, children will examine themselves, their environment, and associated factors related to both items. The program is not designed to dispense occupational information per se, but rather to allow children to investigate and explore occupations as they apply to their interests.

SB002394

Pre-Vocational Home Economics for Elementary and Junior High Schools in Deprived Areas.
Project Director: Harmon, Louise
Organization: Montgomery County Public Schools, Rockville, Md.
Contract and/or Control No.: 090101-5

This project seeks to develop a program to teach elementary students to value home economics-related vocations and to develop early skills. Specific objectives are to (1) develop favorable attitudes and values toward home economics-related wage-earning occupations, (2) develop some basic skills in wage-earning occupations, (3) explore job opportunities as related to favored skills, and (4) appreciate the dual role of homemaker and wage earner.

SB002395

Exploring Contemporary Occupations.
Organization: Harford Community Coll., Bel Air, Md.
Funding Period: Start Date 1 Jan 71; End Date 30 Jun 71
Contract and/or Control No.: 210030-5

This project aims to introduce undereducated, undermotivated, and underachieving youth to the potential available to them in the world of work. At the completion of the program, the students will be able to identify their career objectives and explain the educational and job requirements necessary for entrance into their chosen career. Procedures will include field trips, literature analysis, and discussion workshops.

SB002396

Perry Hall Junior High School's Career Studies Program.
Project Director: Brusini, Joseph A.
Organization: Baltimore County Board of Education, Towson, Md.
Contract and/or Control No.: 210000

The major objective of this program is to continue a program of early vocational orientation and training for potential junior high school dropouts. The program stresses basic skills and attitudes and social and communications skills of the participants, while exposing them to work situations and other aspects of occupations and careers. The program combines the traditional academic approach with hands-on training, on-site visitations, and guest speakers.

Fiscal Year 1972

SB002397

Vocational Technical Guidance Services.
Project Director: Kuhl, Edward C., Jr.
Organization: Harford Community Coll., Bel Air, Md.
Contract and/or Control No.: 210000

This is the third year of a project which seeks to expand student personnel services to the community. Specifically, people will be hired whose full-time concern will be serving individuals at all levels with occupational and educational guidance services consistent with local, state, and national manpower needs and job opportunities. These services would be extended to those not previously served, such as the unemployed, the underemployed, and the culturally and economically disadvantaged.

SB002398

Operation "MOORED" (Motivation and Orientation of Educationally Disadvantaged).
Project Director: Carsey, J. N.
Organization: Charles County Community Coll., La Plata, Md.

This is the third year of project MOORED, which seeks to significantly increase the number of students from southern Maryland who go into postsecondary education in occupational programs. It will also attempt to reach students who have been out of schools for several years, but who have the potential for additional occupational training. Specific objectives include identifying and categorizing those high school seniors who, without special motivation, would not consider education beyond high school and orienting those students to career education opportunities.

SB002399

Implementation of Occupational Information Into the Present Curriculum K-5.
Project Director: Pennington, Media H.

Organization: Howard County Board of Education, Md.
Funding Period: Start Date 1 Jan 70; End Date 31 Dec 72

This is the third year of a three-year project whose objectives include (1) increasing children's awareness of their personal abilities and limitations, (2) teaching the child how the choice of one's occupation relates to the satisfaction of basic needs, (3) providing opportunities for the child to explore interests and personal values and learn how they can be translated into realistic vocational choices, and (4) helping the child to recognize that school achievement is an aspect of vocational choice and understand the relationship between education and employment.

SB002400

Perry Hall Junior High School's Career Studies Program.
Project Director: Brusini, Joseph A.
Organization: Baltimore County Board of Education, Towson, Md.
Contract and/or Control No.: 210000

The major objective of this program is to continue a program of early vocational orientation and training for potential junior high school dropouts. The program stresses basic skills and attitudes and social and communications skills of the participants, while exposing them to work situations and other aspects of occupations and careers. The program combines the traditional academic approach with hands-on training, on-site visitations, and guest speakers.

SB002401

Career Education Project.
Project Director: Wilson, James W.
Organization: Washington County Board of Education, Hagerstown, Md.

This exemplary program seeks to provide for administrative personnel who will implement a system of career education management so as to maximize human, material, and fiscal resources in Washington and surrounding western Maryland counties. The system will include methods of accountability, transportability, and evaluation. Among the specific goals are to continue the positions of career education coordinator, industrial resource coordinator, and secretary.

SB002402

Career Education Project.
Project Director: Hurley, Charles F.
Organization: Dorchester County Board of Education, Cambridge, Md.
Funding Period: Start Date 1 Nov 72; End Date 30 Jun 73

The three main goals of this project are to provide leadership in establishing a career awareness program in grades K-5 which will emphasize existing curriculum study on work and workers in the community; strengthen the present career exploration program in grades 6-8 and expand those programs to all schools, helping students obtain in-depth knowledge of the sorts of opportunities that exist in the fifteen broad career areas; and provide career guidance for grades 9-12, helping students choose an appropriate educational program and preparing them for entry into the world of work.

Fiscal Year 1973

SB002403

Information Services.
Organization: Catonsville Community Coll., Baltimore, Md.

This project seeks to install the Inter Active Learning Corporation's computerized system of guidance information, which includes a teletype writer terminal and a telephone, combined with four existing programs: (1) the college information file, which enables students and counselors to explore information about 2,300 colleges and universities across the country; (2) the occupational information file, containing detailed information about more than 1,200 occupations; (3) the vocational and technical school information file; and (4) the scholarship and financial aid file.

SB002404 **VTP-2367**

Career Education–Career Guidance.
Project Director: Oyster, A. Thomas
Organization: Somerset County Board of Education, Princess Anne, Md.

This project is designed to continue the career education-career guidance program. Objectives will be to continue to promote the values of career-oriented curriculum content; increase student and teacher participation; promote a greater community, parent, industry involvement; provide commercially prepared materials for classes within each school; and initiate the establishment of career education materials centers.

SB002405

Washington County Career Education Dissemination Project.
Project Director: Wilson, James W.
Organization: Washington County Board of Education, Hagerstown, Md.
Funding Period: Start Date 1 Apr 73; End Date 31 Jan 74
Contract and/or Control No.: 2100305

This project seeks to provide for the dissemination of information about existing career education activities in Maryland, information about making career education programs more effective, and information concerning procedures through which classroom teachers may inform students of the broad range of careers related to specific student needs. The project will develop a career education resource notebook and will produce two booklets, each devoted to career education.

SB002406

Career Education Project.
Project Director: Davis, Lloyd R.
Organization: Dorchester County Board of Education, Cambridge, Md.
Contract and/or Control No.: 220000-5

This project intends to provide leadership in establishing (1) a career awareness program in grades K-5; (2) a career awareness program in grades 6-8, while strengthening the already existing program in grade 8; (3) a stronger skill development program in grades 9-12; (4) career guidance for all students, grade 7-12; and (5) a stronger and larger cooperative work program.

SB002407

Development and Implementation of a Program in Career Education for Elementary and Junior High Schools.
Organization: Montgomery County Public Schools, Rockville, Md.

This project seeks to develop and implement a career education program for elementary and junior high schools. The project's objectives include helping students develop an awareness of the occupational opportunities available in a series of clusters representative of the entire world of work, including health and public service, recreation, hospitality and personnel services; fine arts and humanities; environmental control and natural resources; communications and media; and manufacturing, marketing and distribution.

SB002408

Model for Implementing Career Education in Baltimore County–Years K Through Adult.
Project Director: Ebersole, Benjamin P.
Organization: Baltimore County Board of Education, Towson, Md.
Contract and/or Control No.: 220000-5

This project seeks to revise various independent career education efforts of schools, offices, and individuals in Baltimore County and, where appropriate, bring these together to form a more broadly based approach to career education at all grade levels. It also plans to increase the self-awareness of students by including in the elementary school curriculum those opportunities which develop positive self-concepts, constructive attitudes, and an understanding of the personal dignity inherent in work.

SB002409

Career Education Project for St. Mary's County.
Project Director: Ogden, James H.
Organization: Saint Mary's County Board of Education, Leonardtown, Md.

The major objective of this three-year project is to develop and implement a comprehensive career education program, initial components of which will be a middle school career exploration program

coordinated with a high school career guidance program. An elementary career education program will be developed in the second phase or third project year.

Fiscal Year 1974

SB002410 **VTP-2369**

Model for Implementing Career Education in Baltimore County–Years K Through Adult.
Project Director: Ebersole, Ben
Organization: Baltimore County Board of Education, Towson, Md.

This project will provide for the coordination, continued growth, and assessment of the career education effort in the Baltimore County public school system. The objectives are to evaluate the senior and junior high school components of the total career education effort, implement career education programs in all junior high schools, and provide career awareness and laboratory experiences for elementary students. The project will provide for an inservice program for the faculty members.

SB002411

Career Education Project.
Project Director: Hurley, Charles F.
Organization: Dorchester County Board of Education, Cambridge, Md.

This project seeks to provide leadership in establishing in Dorchester County a (1) career awareness program in grades K-5; (2) career awareness program in grades 6-8, while strengthening the already existing program in grade 8; (3) stronger skill development program in grades 9-12; (4) career guidance for all students, grades 7-12; and (5) a stronger and larger Cooperative Work Program. In its second year, this project will include a workshop to evaluate and develop further curriculum and to train staff in curriculum implementation.

SB002412 **VTP-1776**

A Prototype Articulated Career Education Program for all Students K-14.
Project Director: Carricato, Frank
Organization: Montgomery County Board of Education, Rockville, Md.
Funding Period: Start Date 1 May 73; End Date 31 May 74

The objectives of this project are to assist individual students to develop a more realistic appraisal of their interests, abilities, values, strengths, shortcomings, and personality traits; develop a realistic integrated self-concept; and develop career and educational objectives. A pre and posttest will be administered to the tenth grade students and compared with the results of a similar pre and posttest administered to nonparticipants.

SB002413

Career Education Project.
Project Director: Carricato, Frank
Organization: Montgomery County Public Schools, Rockville, Md.

This project intends to (1) provide Winston Churchill High School students with intensive vocational counseling services; (2) assist students to increase self- and career awareness, improve decision-making skills, and develop a flexible goal-oriented educational plan; (3) develop additional curricula providing opportunities for functional application of knowledge, skills, and abilities; and (4) develop plans for an articulated elementary, secondary, and postsecondary career education model.

SB002414 **VTP-1773**

Career Education and Guidance Workshop.
Project Director: Crawford, N. Edwin
Organization: Prince George's County Board of Education, Upper Marlboro, Md.

The objectives of this project are to reinforce all levels of school articulation processes with an emphasis on career education continuum and to describe and make available to guidance personnel business, vocational, trade, and industrial resources and describe how to use them. Career clusters will be related to subject areas in all levels of the school.

SB002415

Career Education Project for St. Mary's County.
Project Director: Ogden, James H.
Organization: Saint Mary's County Board of Education, Leonardtown, Md.

This elementary, middle school, and secondary career education project, consisting of career awareness, exploration, and guidance components, intends to (1) orient teachers to career education, (2) help teachers develop career awareness activities and career exploration programs, (3) help teachers and librarians evaluate and select career education materials, and (4) help restructure the guidance program emphasizing career guidance and a coordinated program of vocational counseling.

SB002416

Career Education–Career Guidance.
Organization: Somerset County Board of Education, Princess Anne, Md.

The objectives of this project are to promote the values of career oriented curriculum content, increase teacher and student participation in career education, involve each student with career oriented instructional content, and enable students to explore one occupation of their choice. A county workshop for personnel will be conducted, and a central office for consultation and direction will be provided.

SB002417 **VTP-1775**

Special Summer Workshop for Secondary Personnel Providing Supportive Services to Career Study Center Based Programs.
Project Director: Oyster, A. Thomas
Organization: Washington County Board of Education, Hagerstown, Md.
Funding Period: Start Date 29 Jul 74; End Date 16 Aug 74

The objectives of this project are to conduct a summer workshop for personnel which will provide active hands-on participation for each participant and develop procedures for opening ongoing exchange of dialogue between Career Study Center (CSC) personnel and home school personnel. Project staff will develop guidelines and procedures reflecting curriculum compatability between CSC programs and home school offerings and identify the traits, skills, and knowledge needed by youngsters to enter CSC programs.

SB002418

Information Services–Continuation of an Exemplary Career Development Project.
Organization: Catonsville Community Coll., Baltimore, Md.

This project seeks to install the Inter Active Learning Corporation's computerized system of guidance information, which includes a teletype writer terminal and a telephone, combined with four existing programs: (1) the college information file, which enables students and counselors to explore information about 2,300 colleges and universities across the country; (2) the occupational information file, containing detailed information about more than 1,200 occupations; (3) the vocational and technical school information file; and (4) the scholarship and financial aid file.

Fiscal Year 1975

SB002419 **VTP-1774**

Model for Implementing Career Education in Baltimore County–Years K Through Adult.
Project Director: Ebersole, Benjamin P.
Organization: Baltimore County Board of Education, Towson, Md.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to evaluate the senior high component of the total career education effort, implement career education programs, develop a coordinated program of career placement and job development, and provide career orientation and exploratory hands-on laboratory experiences for junior high/middle school students. Inservice programs for staff development in career education will be promoted and directed.

SB002420

A Prototype Articulated Career Education Program for all Students K-14.
Project Director: Carricato, Frank
Organization: Montgomery County Board of Education, Rockville, Md.

The objectives of this project are to assist individual students to develop a more realistic appraisal of their interests, abilities, values, strengths, shortcomings, and personality traits; develop a realistic integrated self-concept; and develop career and educational objectives. A pre and posttest will be administered to the tenth grade students and compared with the results of a similar pre and posttest administered to nonparticipants.

SB002421

A Prototype Articulated Career Education Program for all Students K-14.
Project Director: Carricato, Frank
Organization: Montgomery County Board of Education, Rockville, Md.

The objectives of this project are to assist individual students to develop a more realistic appraisal of their interests, abilities, values, strengths, shortcomings, and personality traits; develop a realistic integrated self-concept; and develop career and educational objectives. A pre and posttest will be administered to the tenth grade students and compared with the results of a similar pre and posttest administered to nonparticipants.

SB002422

Career Education and Guidance Workshop.
Organization: Prince George's County Public Schools, Upper Marlboro, Md.

Objectives for the three-day workshop for elementary and secondary guidance personnel will include (1) training junior high counselors to help students plan for high school and vocational and technical opportunities, (2) reinforcing the elementary-junior-senior high school articulation process with emphasis on the career education continuum, (3) relating career clusters to subject areas, and (4) alerting counselors to successful high school interdisciplinary models.

SB002423

Career Education Project for St. Mary's County.
Project Director: Ogden, James H.
Organization: Saint Mary's County Board of Education, Leonardtown, Md.
Funding Period: Start Date 1 Jan 73; End Date 31 Dec 75
Contract and/or Control No.: 210000-5

The objectives of the career awareness (k-5 and special education) and career exploration (grades 6-8) components of this project are to orient teachers and other staff to uses of locally developed materials and community resources. The objectives of the career guidance (grades 9-12) components include assisting in the development of career resource centers and placement procedures and assisting in further developing and implementing a coordinated career counseling program.

SB002424

Career Education–Career Guidance.
Project Director: Oyster, A. Thomas
Organization: Somerset County Board of Education, Princess Anne, Md.

In its third year of operation, the objectives for this project include continuing to promote career education; increasing participation of students and teachers and involvement of parents, industry and the community; engaging in one school-wide interdisciplinary project; and establishing career education materials centers in each county school and conducting an inter-school loan program.

SB002425

Special Summer Workshop for Secondary Personnel Providing Supportive Services to Career Study Center Based Program.
Organization: Washington County Board of Education, Hagerstown, Md.

Through a workshop for youngsters between fourteen and twenty-two, this project intends to fulfill its objectives which include providing participation in at least two areas of course offerings at the Career Studies Center (CSC); developing guidelines to reflect curriculum compatibility between the CSC programs and school offerings; and identifying the traits, abilities, knowledge, and physical skills youngsters need for CSC programs.

Fiscal Year 1976

SB002426 VTP-2369

Model for Implementing Career Education in Baltimore County–Years K Through Adult.
Project Director: Ebersole, Ben
Organization: Baltimore County Board of Education, Towson, Md.

Objectives of this project include evaluating the senior and junior high school components of the total career education effort, implementing career education programs developed in the 1975 summer workshops in all junior high schools, providing career awareness and laboratory experiences for elementary students that will lead to better self-concepts and wider knowledge of the world in which elementary students live and play, and assisting local school administrators and their staffs to ensure the inclusion of career development and career awareness in the school experiences of elementary students.

SB002427 VTP-2367

Career Education–Career Guidance.
Project Director: Oyster, A. Thomas
Organization: Somerset County Board of Education, Princess Anne, Md.

Objectives of this project are to (1) continue to promote the values of career-oriented curriculum content; (2) increase teacher and student participation in career education-career guidance; (3) continue to develop the competence of teachers in the role of advisors; (4) promote greater community, parent, and industry involvement; and (5) initiate the establishment of career education materials centers in each of the county's schools.

SB002428

Career Education Project for St. Mary's County.
Project Director: Ogden, James H.
Organization: Saint Mary's County Board of Education, Leonardtown, Md.
Contract and/or Control No.: 21

This project seeks to develop a program of career awareness for elementary school (grades K-5), career exploration for middle school (grades 6-8), and career guidance for high school. Objectives include (1) orienting teachers to career education and locally developed materials; (2) providing assistance in using the materials and resources; and (3) assisting in the development of career resource centers, placement procedures, and a coordinated program of career counseling.

SB002429

Model for Implementing Career Education in Baltimore County–Years K Through Adult.
Project Director: Ebersole, Benjamin
Organization: Baltimore County Board of Education, Towson, Md.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 22.0000-5

This project intends to (1) evaluate the senior and junior high schools components, (2) implement programs developed in the 1975 summer workshops in all junior high schools, (3) provide career awareness and laboratory experiences for elementary students, and (4) assist school administrators to include career development and awareness in the school experiences of all elementary students.

SB002430

Pilot Disadvantaged Support System.
Organization: Anne Arundel County Board of Education, Annapolis, Md.

This project aims to develop an information retrieval and dissemination system for the disadvantaged. Objectives include (1) defining the concept of disadvantaged, (2) identifying those persons responsible for educating disadvantaged students (K-12), (3) conducting and analyzing a user needs study, (4) identifying specific services that should be provided, (5) determining methods of dissemination, and (6) identifying and developing methods and instructional materials for training local field agents.

SB002431

Career Education.
Organization: Montgomery County Public Schools, Rockville, Md.

In its third year this project seeks to (1) assist students in acquiring realistic self-concepts, career awareness, skill in career and educational decision making, occupational information, and experience in career exploration; (2) continue curriculum development; (3) further coordinate instructional opportunities with institutions and organizations beyond the high school; and (4) assist feeder elementary and junior high schools to build career education programs.

SB002432

Maryland State Curriculum Network and Resource Center for Vocational-Technical Education.
Organization: Allegheny County Board of Education, Cumberland, Md.

This project proposes to establish an internal network for curriculum development and dissemination by designating liaison persons for each local education agency to work with state vocational and technical education personnel and identifying a resource center to be used as a base for development, production, storage, and dissemination of vocational and technical curriculum materials and resources.

Fiscal Year 1977

SB002433

The Development of a Procedure for the Design of Competency-Based, Modular Instructional Programs.
Project Director: Herschbach, Dennis R.
Organization: Maryland Univ., College Park.

The purpose of this project is to enable educators to better use for instructional design the occupational catalogs produced by the Vocational-Technical Consortium of States (V-TECS). Specific objectives include developing a modified Q sort procedure for task selection and sequencing; one competency-based modular outline to be used as a model; and a procedures handbook for developing competency-based, modular instructional programs from V-TECS occupational catalogs.

SB002434

Audio-Tutorial Course in Dosages and Solutions.
Project Director: Sheely, William L.
Organization: Harford Community Coll., Bel Air, Md.
Funding Period: Start Date 7 Sep 77; End Date 30 May 78

The objective of this project is to better prepare nursing students for the Maryland State Board Examination for Registered Nursing Licensure. An elective one-credit mathematics course in dosages and solutions will be developed which will include a new text written for this purpose, eight taped units of instruction, three tests for each unit, and remedial exercises for students who score below a required number of points on a unit test.

SB002435

Improving the Employment Opportunities of MLT Graduates Through Expansion of Clinical Training.
Project Director: Warren, Tessie M.
Organization: Baltimore Community Coll., Md.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 78

The purpose of this project is to facilitate the development of clinical practice opportunities for students enrolled in the Medical Laboratory Technician Program. Specific objectives are to secure the cooperation of private and hospital clinical laboratories in providing adequate clincial experiences for students, orient professional clinical personnel as to the role of the medical laboratory technician, increase the marketability of program graduates, and determine the specific costs of clinical laboratory education.

SB002436

Business-Community Coordination of Graduation Prerequisites for Survival and Effective Participation in the World of Work.
Project Director: McKenzie, Floretta D.
Organization: Maryland State Dept. of Education, Baltimore.
Funding Period: Start Date 1 Dec 77; End Date 30 Sep 78

Key products of this project to develop graduation prerequisites will be issue and position papers which specify potential impasses in graduation prerequisite development; an assessment of the work and survival competencies which business, industry, and community members currently possess; public information brochures on competency prerequisites; and specific occupational competency prerequisites.

SB002437

A Multi-Disciplinary Exploratory Course in Engineering Technology.
Project Director: Zink, Lester M.
Organization: Catonsville Community Coll., Baltimore, Md.
Funding Period: Start Date 1 Oct 77; End Date 30 Sep 78

The intent of this project is to develop a three-credit course combining certain basic material from engineering and design technology programs into one introductory course to help students make better career or program choices. The course will present basic elements, hands-on experiences, and insights into engineering design and manufacturing processes, architectural drafting, surveying, occupation safety, construction technology, and electronics.

SB002438

Modularized Mastery Learning in Biology for Career Students in Nursing, Mortuary Science, and Med Lab Technology.
Project Director: Daihl, Carol
Organization: Catonsville Community Coll., Baltimore, Md.
Funding Period: Start Date 1 Oct 77; End Date 30 Sep 78

Project staff will develop a modularized biology course consisting of fifteen minicourses of approximately one-week study time each which will aid students who must successfully complete two semesters in anatomy and physiology in learning basic biological principles. Diagnostic tests would reveal areas in which students were deficient and they might then elect a few or all minicourses. Modularization would permit maximum flexibility and portability to accommodate students' individual learning needs and time frames.

SB002439

Monitoring the Vocational Components of Freshman Composition.
Project Director: Low, John
Organization: Dundalk Community Coll., Baltimore, Md.
Funding Period: Start Date 1 Sep 77; End Date 31 May 78

In the first part of this two-part project, the instructor will develop with each student a series of ten actual or job-related writing tasks using a variety of modes. In the second part, the instructor will develop a systematic way of monitoring this process using video and audiotape recordings of all class sessions. The instructor and peers will evaluate the frequency and thoroughness with which these writing tasks are developed.

SB002440

A Program in Environmental Technology for Gifted and Talented Students.
Project Director: Jensen, Belva
Organization: Charles County Community Coll., La Plata, Md.
Funding Period: Start Date 1 Aug 77; End Date 12 Aug 77

The purpose of this program is to introduce gifted and talented vocational high school students to eight field and laboratory technician careers in the environmental sciences. Experiences will depict as realistically as possible the actual duties of a technician. Field technician areas include fisheries, terrestrial monitoring, aquatic plants and animals, forestry, law enforcement, and wildlife management. The other two areas are wastewater treatment plant operation and environmental laboratory technician.

SB002441

E^2: Exploration x Enrichment.
Organization: Maryland Academy of Sciences, Baltimore.
Funding Period: Start Date 1 Jul 77; End Date 5 Aug 77

A program of orientation and independent laboratory research will be conducted for gifted and talented students from the middle school, junior high, and high school levels. Two two-week series will be presented. The first week forty students will study paleontology while another forty study the biology and physics of Chesapeake Bay. The groups will be switched during the second week. Both topics will be repeated during the second series for an additional eighty students.

SB002442

Gifted and Talented Children.
Organization: Frostburg State Coll., Md.
Funding Period: Start Date 1 May 77; End Date 30 Sep 77

This project will provide an opportunity for two weeks of study to about forty gifted and talented students in grades 11 and 12 to advance their knowledge and skills in entomology, ichthyology, and forestry, or in the studio arts such as drawing, painting, printmaking, and pottery. Educational objectives include providing hands-on experience, intensifying instruction at an advanced level, and developing an awareness of the environment and man's relationship to it.

SB002443

Exploration of Career Opportunities in the Port of Baltimore for Gifted and Talented Students in Vocational Education.
Project Director: Middleton, Gretta
Organization: Baltimore Community Coll., Md.
Funding Period: Start Date 11 Jul 77; End Date 5 Aug 77

This program is designed to provide gifted and talented junior high school students an opportunity for exploration of careers related to the Port of Baltimore. It will provide exploration experiences in Port Administration/International Trade/Harbor Management, Business Management/Banking/Finance, Office Technology, and Marine and Maritime Technology. Program activities include job site visits and performance of real-life occupational tasks or participation in a close simulation of one.

SB002444

An Exemplary Program of Information Dissemination in Vocational Technical Education.
Organization: Anne Arundel County Board of Education, Annapolis, Md.

To significantly improve the ratio of male and female students in vocational and technical courses previously thought to hold opportunities for one or the other sex exclusively, an audiovisual presentation will be produced depicting career opportunities now available to both sexes through vocational and technical programs. The presentation will demonstrate both the training opportunities and the employment opportunities, using local business and industry, open to both men and women.

SB002445

Towson Community Career Education Center.
Organization: Baltimore County Public Schools, Towson, Md.
Funding Period: Start Date 1 Sep 77; End Date 30 Jun 78

The purpose of this project is to establish a center which will help individuals make well-informed career decisions and aid them in the transition to these careers through vocational course selection, work exploration/experience, and job search and retention skills. The cooperative education department, the guidance department, and the library staff, as well as community resource personnel, will assist in the implementation of this center.

SB002446

Vocational Assessment Center for Handicapped Students.
Project Director: Esterson, Morton M.
Organization: Baltimore City Public Schools, Md.

This project will provide handicapped students entering vocational education the opportunity to spend about a week at a Vocational Assessment Center before selecting a specific program. Evaluators will discover the student's present level of functioning by review of psychological, medical, and social history and through the use of standardized tests and work samples. Students can explore job areas of interest to them, discover how to use the various trade tools, and understand job requirements.

SB002447

Interdisciplinary Vocational Programs for Handicapped Students.
Project Director: Esterson, Morton M.
Organization: Baltimore City Public Schools, Md.

The objective of this project is to establish a unifying relationship among high school curriculum areas by integrating academic information to support vocational skills. Academic lessons will be developed focusing upon the informational, computational, and related skills of each vocational subject. This approach will better enable handicapped students to develop their own potential within their selected vocational programs.

SB002448

Developing Personalized Individualized Vocational Occupations Training Materials.
Project Director: Whitten, Benjamin
Organization: Baltimore City Public Schools, Md.

The objective of this project is to produce and make available to members of the Personalized Individualized Vocational Occupations Training Consortium, vocational training programs in printing and food service occupations. Each training packet will contain slides, teacher instruction, instructional learning outline, student direction, student review and evaluation, illustration of the work station, and script. This format gives students the opportunity to move toward their goals at their own pace, make concrete progress, and build self-esteem.

SB002449

Inservice Workshop.
Project Director: Ridenour, Robert J.
Organization: Allegany County Board of Education, Cumberland, Md.
Funding Period: Start Date 20 Jun 77; End Date 24 Jun 77

The purpose of this workshop for thirty high school consumer homemaking and industrial arts teachers is to develop skills in revising and adapting the consumer homemaking and industrial arts curriculum to eliminate sex bias and sex-role stereotyping, learn patterns of curriculum organization and techniques for curriculum change, and apply these techniques so that the revised curriculum will offer maximum benefit to male and female students. Participants will also learn new and innovative techniques for classroom management.

SB002450

A Skills Development Lab for Cooperative Education Students.
Project Director: Reuwer, Donald R., Jr.
Organization: Baltimore County Public Schools, Towson, Md.
Funding Period: Start Date 1 Oct 77; End Date 30 Jun 78

This project will establish a skills laboratory for high school cooperative education students who will move through skill development stations to acquire entry-level skills in each of nine areas. The areas are operating a ten-key adding machine, operating a cash register, writing sales tickets, operating a ditto machine and a thermofax, operating a comp-key telephone and telephone answering techniques, filing, handling money and making change, reading invoices and learning inventory control, and taking blood pressure and temperature.

SB002451

I.T.V. Series for Vo-Tech-Career Education.
Funding Period: Start Date 1 Mar 77; End Date 30 Jun 79

The purpose of this instructional television series is to assist students to develop the knowledge, skills, and attitudes necessary to make the transition from school to the world of work and better understand that there is dignity and value to work. Fifteen twenty-minute programs will be developed with the content organized around several themes, such as job seeking, finding, and keeping. A teacher's manual supporting the series will also be developed.

SB002452

Competency Based Curriculum Development Workshop.
Project Director: Reiley, H. Edward
Organization: Frederick County Board of Education, Md.
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 80

A three to four-week curriculum development workshop will be run for vocational education teachers in which teachers will develop their own curriculum which will relate instruction to industry standards. Participants will write a task list and course outline properly sequenced, develop a competency sheet for each task identifed in the task list, and assemble a properly sequenced and complete course of study for at least the first level of instruction (one year).

MASSACHUSETTS

Part C

Fiscal Year 1971

SB002453

ESCOE–Evaluation Service Center for Occupational Education.
Project Director: Conroy,William G., Jr.
Organization: Shawsheen Valley Regional Vocational-Technical High School, Billerica, Mass.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 871

Jointly funded by Massachusetts and New York, Project ESCOE seeks to develop product assessment information in occupational education so that occupational capabilities sought by local education associations can be both described and measured. The project's specific objective is to provide a pilot evaluation feedback system, based upon locally tested behavioral objectives, for the Management Information System for Occupational Education project.

SB002454

MISOE–Management Information System for Occupational Education.
Project Director: Conroy, William G., Jr.
Organization: Shawsheen Valley Regional Vocational-Technical High School, Billerica, Mass.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: D272/D372

Project MISOE seeks to establish for the Division of Occupational Education a pilot management information system by September, 1973, which can provide necessary management support service at the state and local levels to facilitate rational and integrated management across the commonwealth.

SB002455

Project CEDIS (Career Education Document Information System).
Project Director: Haroian, Henry A.
Organization: Greater Lawrence Regional Vocational-Technical School, Andover, Mass.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 823

This project has two objectives: to make educators aware of developments at the national, state, and local levels and to make it easy for teachers and administrators to obtain curriculum guides, research reports, or any other information they consider relevant to their needs. The project intends to develop a smoothly functioning process by which data can be acquired, disseminated, and utilized to optimum advantage.

SB002456

CAREER–Computer Assisted Research for Educational Relevance.
Project Director: Easton, Clifford W.
Organization: Blue Hills Regional Vocational-Technical School, Randolph, Mass.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 806

This three-year exemplary project seeks to establish a career development program which will teach marketable skills and basic educational concepts and attitudes required in current, new, and emerging occupations by students at the elementary, secondary, postsecondary, and adult education levels. Procedures include examining current, new, and emerging occupations with long-range employment possibilities and developing critical task information from existing occupational data or through job and task analysis.

Fiscal Year 1972

SB002457

Evaluation Service Center for Occupational Education.
Project Director: Johnson, Raymond
Organization: Massachusetts Univ., Amherst. Center for Occupational Education.

The objectives of this project are to (1) develop a bank of behaviorally stated objectives in selected areas of study by training facilitators and teachers in participating local education agencies (LEAs) to describe selected areas of the curriculum in behavioral objectives, (2) develop a bank of test items and procedures directly related to objectives in these selected areas of study, (3) create a computer input and feedback system, (4) develop a model for synthesizing objectives, and (5) create a feedback loop between the LEAs and ESCOE.

SB002458

MISOE–Management Information System for Occupational Education.
Project Director: Conroy, William G., Jr.
Organization: Shawsheen Valley Regional Vocational-Technical High School, Billerica, Mass.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: D272/D372

Project MISOE seeks to establish for the Division of Occupational Education a pilot management information system by September, 1973, which can provide necessary management support service at the state and local levels to facilitate rational and integrated management across the commonwealth.

SB002459

Project CEDIS (Career Education Document Information System).
Project Director: Haroian, Henry A.
Organization: Greater Lawrence Regional Vocational-Technical School, Andover, Mass.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 823

This project has two objectives: to make educators aware of developments at the national, state, and local levels and to make it easy for teachers and administrators to obtain curriculum guides, research reports, or any other information they consider relevant to their needs. The project intends to develop a smoothly functioning process by which data can be acquired, disseminated, and utilized to optimum advantage.

SB002460

CAREER–Computer Assisted Research for Educational Relevance.
Project Director: Easton, Clifford W.
Organization: Blue Hills Regional Vocational-Technical School, Randolph, Mass.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 806

This three-year exemplary project seeks to establish a career development program which will teach marketable skills and basic educational concepts and attitudes required in current, new, and emerging occupations by students at the elementary, secondary, postsecondary, and adult education levels. Procedures include examining current, new, and emerging occupations with long-range employment possibilities and developing critical task information from existing occupational data or through job and task analysis.

Fiscal Year 1973

SB002461 **VTP-1103**

Project CAREER: Computer Assisted Research for Educational Relevance.
Project Director: Buzzell, Charles H.
Organization: Massachusetts State Board of Education, Boston.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 74

The objective of this project is to establish a career development program which will facilitate the learning of marketable skills, basic educational concepts, knowledges, and attitudes required in occupations by students at all education levels. The research strategies are based upon the specialized procedures used in occupational analysis and educational systems development.

SB002462

A Feasibility Study for a Residential Occupational-Vocational School.
Project Director: Saris, Ronald J.
Organization: North Shore Community Coll., Beverly, Mass.

The purpose of this study is to explore indepth the boundries and components of a residential vocational school situation and to catalog these parameters for comparative or decision-making purposes. Visits will be made to existing residential centers in other settings in order to accumulate a library of relevant program information.

SB002463

A Study to Assess the Feasibility of a Commonwealth of Massachusetts Fire Training Academy and Training Concepts.
Project Director: Grimes, Martin G.
Organization: National Fire Protection Association, Boston, Mass.
Funding Period: Start Date 1 Oct 72; End Date 1 May 73

The purpose of this project is to conduct a feasibility study to determine the current level of fire objectives and plans and assess the feasibility of future state and local efforts to provide an acceptable level of fire service training and education using the resources which are available.

SB002464

To Conduct a Three-Part Survey Study Involving the X-4T Project (Weymouth et al.), the STP Project (Shawsheen et al.) and a Third-Party Evaluation of the Newly Developed Vocational Planning Instrument.
Organization: Boston Univ., Mass. School of Education.

This project will conduct a three-part study. The project will assist the regional vocational planning committee of the towns of Weymouth, Hingham, Hull, and Milton (X04T Project) in developing alternatives for new vocational programs and facilities and devising an evaluation design. The project will aid the Shawsheen Regional Vocational (STP Project) in developing new alternatives, programs, and expanded facilities for the towns involved in the project. The project will also assist the research coordinating unit in analyzing, interpreting, and forming the new vocational planning instrument (VPI).

SB002465 **VTP-1105**

Document Information System for Occupational Education.
Project Director: Buzzell, Charles H.
Organization: Greater Lawrence Regional Vocational-Technical School, Andover, Mass.
Funding Period: Start Date 1 Sep 71; End Date 30 Jun 74

The objective of this project is to establish and maintain a document information system (DIS) designed to meet the specialized information needs of the occupational educator so that the utilization rate of new knowledge by the practitioner continuously increases. A study will be conducted to provide a description of the existing and developing information dissemination entities and provide a plan for developing a dissemination network. The DIS will provide dissemination at the presecondary, secondary, and postsecondary levels.

SB002466

Massachusetts and New York Evaluation Service Center for Occupational Education.
Project Director: Conroy, William G., Jr.
Organization: New York State Univ., Albany. Dept. of Education.

The goal of this project is to implement program evaluation as described in the Massachusetts Information Feedback System (MIFS). More specifically, the project will provide specialized technical support services so that each state and participating local education agency (LEA) can be provided with a continuous and expanding flow of program evaluation information. The Evaluation Service Center will provide three distinct services: development activities, data processing, and information feedback.

Fiscal Year 1974

SB002467 **VTP-1104**

Project CAREER.
Project Director: Mannings, John
Organization: Blue Hills Regional Technical School, Canton, Mass.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The primary goal of the integrated components of Project CAREER is to establish a K-adult career development program which will facilitate the learning and understanding of marketable skills, basic educational concepts, attitudes, and personal information necessary for successful job performance within selected occupations. Integral components are being developed in the areas of guidance, handicapped, and postsecondary education. The programs will be implemented in three local educational agencies.

SB002468

Research to Provide a Diffusion Model for Adult Education. Project E/D Model.
Project Director: Martorana, Joseph W.
Organization: Assabet Valley Regional Vocational-Technical School, Marlboro, Mass.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: R-174

This project seeks to research the educational literature in order to provide secondary students and young adults with decision-making information about adult opportunities in the area of occupational competence. The project will eventually develop a ten to twelve minute 16mm. color/sound overview, an informational flyer, and an information acquisitions mailer for adult education.

Fiscal Year 1975

SB002469

CAREER–Computer Assisted Research for Educational Relevance.
Project Director: Lamo, Vincent P.
Organization: Blue Hills Regional Technical School, Canton, Mass.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: R-275

The primary goal of the integrated components of Project CAREER is to establish a K-adult career development program which will facilitate the learning and understanding of marketable skills, basic educational concepts, attitudes, and personal information necessary for successful job performance within selected occupations. Integral components are being developed in the areas of guidance, handicapped, and postsecondary education. The programs will be implemented in three local educational agencies.

SB002470

E/D Model - A Diffusion Model for Adult Education.
Project Director: Martorana, Joseph W.
Organization: Assabet Valley Regional Vocational Technical School, Marlboro, Mass.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: R175

This continued project seeks to research educational literature in order to provide secondary students and young adults with decision-making information about adult opportunities in the area of occupational competence. The project will eventually develop a ten to twelve minute 16 mm. color/sound overview, an informational flyer, and an information acquisition mailer for adult education.

Fiscal Year 1976

SB002471

CEDIS Curriculum Management Center.
Project Director: Oppenheim, Norman J.
Organization: Greater Lawrence Regional Vocational-Technical School, Andover, Mass.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This three-year program will provide a state vocational and technical curriculum development and management system as part of the National Network for Curriculum Coordination in Vocational-Technical Education. First year objectives will include assessing needs, identifying resources, developing an information dissemination network, and conducting regional and local education agency workshops. The second year will emphasize implementing and evaluating the information dissemination network, and the third year will stress refining the curriculum management center.

Fiscal Year 1977

SB002472

Project CAREER Curriculum Development with Workshops.
Project Director: Lamo, Vincent P.
Organization: Blue Hills Regional Technical School, Canton, Mass.
Funding Period: Start Date 1 Oct 76; End Date 31 Mar 77

The aim of this curriculum development and inservice training project is to provide technical assistance to schools in occupational and career education. This proposal is for a series of regional inservice training and curriculum workshops and a model curriculum and professional development workshop series for Boston through which the processes and products of Project CAREER, which has been in operation for five years, can be disseminated to and implemented in commonwealth school districts.

SB002473

Project CAREER Development of Curricular Processes and Materials.
Project Director: Lamo, Vincent P.
Organization: Blue Hills Regional Technical School, Canton, Mass.
Funding Period: Start Date 1 Oct 76; End Date 31 Mar 77

This project will develop curricular processes and materials, based upon existing Project CAREER computer data, for use in commonwealth schools. A curriculum specialist will work with school personnel who seek assistance. Specific processes and materials will be developed according to results of a needs assessment performed for each situation. Regional workshops will be held, and onsite technical assistance will be available.

SB002474

Digest of "Annual Report on Occupational Education for Fiscal Year 1975" for Average Lay Readers.
Project Director: Tobin, David J.
Organization: Assabet Valley Regional Vocational School District, Marlboro, Mass.
Funding Period: Start Date 24 Jan 77; End Date 24 Feb 77

Assabet Valley Regional Vocational School will research, develop, and publish a condensed version of the "Annual Report on Occupaional Education for Fiscal Year 1975." The information, with accompanying and verifying statistical presentations, will be presented in a format that is easy to read and understand. The school wll publish 5,000 copies to be disseminated through the Division of Occupational Education, Massachusetts Department of Education.

Part D

Fiscal Year 1970

SB002475

Project AIM (Academic Interest Modules).
Project Director: Gruthier, R.
Organization: Southern Berkshire Regional School District, Sheffield, Mass.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

This curriculum development project at Mount Everett Regional School, later to be funded under Part B, seeks to improve relationships between job skills and academic studies, establish home and community involvement, and develop an educational team sympathetic to occupational education. Project AIM will be structured as a school within a school with modular scheduling and nongraded classes and designed to motivate students. At an inservice workshop, the team will prepare and pilot test a series of nongraded, self-contained AIM packages designed with a learning systems approach.

SB002476

Manual Skills Training and Placement for Urban Spanish-Speaking School Drop-Outs.
Project Director: Marrone, Gaspar P.
Organization: Cardinal Cushing Center for the Spanish Speaking, Boston, Mass.
Funding Period: Start Date 1 Sep 70; End Date 1 Sep 71
Contract and/or Control No.: 383-085

This program will focus on the 80 percent of Spanish speaking children (about 2,000 aged 13-21) who drop out of Boston's schools between grades 7-12. The project will identify likely candidates and train them for entry-level jobs in carpentry and cabinet making. Procedures will include counseling, evaluation and testing, the services of an outreach counselor, English language training, and the cooperation of the state employment office.

SB002477

Operation Shotgun - Multifaceted Occupational Exploratory Program.
Project Director: Joyce, Thomas
Organization: Clinton Public Schools, Mass.
Funding Period: Start Date 1 Sep 70; End Date 30 Jun 71
Contract and/or Control No.: 064

This project seeks to establish a career development program in the Clinton, Massachusetts, public schools for grades K-12. In the early grades, the program will work on disseminating information about careers. For grades 6-10, there will be field trips, laboratory work, simulations, internships, and large segments of hands-on training. The program will seek to prepare high school graduates for the world of work.

SB002478

FEEDER–Vocational Feeder Program at the Junior High School Level.
Project Director: Farrington, John T.
Organization: Easton Public Schools, North Easton, Mass.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71
Contract and/or Control No.: 088

This project seeks to create an exemplary three-year vocational guidance system whereby junior high students can make educated decisions about where they should be placed in Southeastern Vocational Technical High School. The program will test all of Easton's sixth graders to determine which students would benefit from vocational education, counsel students and parents, and allow selected students to explore all twelve of Southeastern's vocational choices.

SB002479

MECA-Multi Media, Extended School Day: Cooperative Program for Alienated Youth.
Project Director: Archambault, Francis X., Jr.
Organization: Acushnet Public Schools, Mass.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71
Contract and/or Control No.: 003

This three-year exemplary project seeks to test and disseminate an introductory program for career development and career education aimed at providing potential dropouts or disadvantaged students with an opportunity to continue their education and become gainfully employed. This will be accomplished by establishing a share-time extended day program between a junior high and a comprehensive high school.

Fiscal Year 1971

SB002480

An Occupational Guidance Program for Puerto Rican Youth (Ages 14-20).
Project Director: Serino, Ernest T.
Organization: Cardinal Cushing Center for the Spanish Speaking, Boston, Mass.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 380-005

This exemplary project seeks to plan, develop, and conduct an occupational guidance program for Puerto Rican youths, aged 14-20, in Boston. The Spanish Center, which will act as coordinator for the project, will direct psychological, social, and educational programs toward developing marketable skills in the enrollees before their entry into gainful employment. The project will provide support services for enrollees after placement.

SB002481

Operation Shotgun - Multifaceted Occupational Exploratory Program.
Project Director: Joyce, Thomas
Organization: Clinton Public Schools, Mass.
Funding Period: Start Date 1 Sep 70; End Date 30 Jun 71
Contract and/or Control No.: 064

Operation Shotgun seeks to establish a career development program in the Clinton, Massachusetts, public schools for grades K-12. In the early grades, the program will work on disseminating information about careers. For grades 6-10, there will be field trips, laboratory work, simulations, internships, and large segments of hands-on training. The program will seek to prepare high school graduates for the world of work.

SB002482

FEEDER-Vocational Feeder Program at the Junior High School Level.
Project Director: Farrington, John T.
Organization: Easton Public Schools, North Easton, Mass.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 088

This project proposes to create an exemplary three-year vocational guidance system whereby junior high students can make educated decisions about where they should be placed in Southeastern Vocational Technical High School. The program will test all of Easton's sixth graders to determine which students would benefit from vocational education, counsel students and parents, and allow selected students to explore all twelve of Southeastern's vocational choices.

SB002483

MECA-Multi Media, Extended School Day: Cooperative Program for Alienated Youth.
Project Director: Archambault, Francis X., Jr.
Organization: Acushnet Public Schools, Mass.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 003

This is the second year of a three year exemplary project which seeks to test and disseminate an introductory program for career development and career education aimed at providing potential dropouts or disadvantaged students with an opportunity to continue their education and become gainfully employed. The primary objective this year is to evaluate the effectiveness of the share-time extended day program between the junior high and the comprehensive high school.

SB002484

CAREER-Computer Assisted Research for Educational Relevance.
Project Director: Easton, Clifford W.
Organization: Blue Hills Regional Technical School, Canton, Mass.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 806

This three-year project seeks to establish a career development program which will teach marketable skills and basic educational concepts and attitudes required in current, new, and emerging occupations to elementary, secondary, postsecondary, and adult students. The procedures include developing a data bank which is programmed to provide updated job performance requirements and basic educational skills for those vocations included in the project.

Fiscal Year 1972

SB002485

FEEDER-Vocational Feeder Program at the Junior High School Level.
Project Director: Farrington, John T.
Organization: Easton Public Schools, North Easton, Mass.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 088

This project seeks to create an exemplary three-year vocational guidance system whereby junior high students can make educated decisions about where they should be placed in Southeastern Vocational Technical High School. The program will test all of Easton's sixth graders to determine which students would benefit from vocational education, counsel students and parents, and allow selected students to explore all twelve of Southeastern's vocational choices.

SB002486

MECA-Multi Media, Extended School Day: Cooperative Program for Alienated Youth.
Project Director: Archambault, Francis X., Jr.
Organization: Acushnet Public Schools, Mass.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 003

This is the third year of a three year exemplary project which seeks to test and disseminate an introductory program for career development and career education aimed at providing potential dropouts or disadvantaged students with an opportunity to continue their education and become gainfully employed. The primary objective this year is to sharpen the vocational skills of the enrollees and to continue the evaluation phase of the program.

SB002487

CAREER-Computer Assisted Research for Educational Relevance.
Project Director: Easton, Clifford W.
Organization: Blue Hills Regional Technical School, Canton, Mass.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 806

This three-year project seeks to establish a career development program which will teach marketable skills and basic educational concepts and attitudes required in current, new, and emerging occupations to elementary, secondary, postsecondary, and adult students. The procedures include developing a data bank which is programmed to provide updated job performance requirements and basic educational skills for those vocations included in the project.

SB002488

E/D Model - Evaluation/Diffusion Model.
Project Director: Saris, Ronald J.
Organization: Assabet Valley Regional Vocational School, Marlboro, Mass.
Funding Period: Start Date 1 Feb 73; End Date 31 Dec 73
Contract and/or Control No.: 801

This three-year project seeks to establish practical, functional guidelines for P.L. 90-576, Part D, exemplary programs and projects. Specific objectives include deriving a model program by documenting in synopsis form the activities undertaken during the planning, trial, and adaption years of Projects MECA and FEEDER, documenting in outline form specific mini-models related to each year denoted, and documenting by synthesis a generalized maxi-model pertaining to the three-year cycle.

SB002489

RECENT - Residential Center for Occupational Education.
Project Director: Saris, Ronald J.
Organization: North Shore Community Coll., Beverly, Mass.
Funding Period: Start Date 15 Sep 72; End Date 23 Mar 73
Contract and/or Control No.: 390-055

Project RECENT seeks to conduct a feasibility planning study of a residential vocational school specializing in accommodating the disadvantaged. The project seeks to determine which existing, renovated, expanded, constructed land or water-based facilities can be projected, initiated, or immediately utilized on an interim basis or

until such time as the need abates.

Fiscal Year 1973

SB002490

MECA–Multi-Media Extended School Day Cooperative Program for Alienated Youth.
Project Director: Archambault, Francis X., Jr.
Organization: Acushnet Public Schools, Mass.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 003

This continued exemplary project seeks to test and disseminate an introductory program for career development and career education aimed at providing potential dropouts or disadvantaged students with an opportunity to continue their education and become gainfully employed. The project will employ multi-media approaches and will establish a shared time program between a junior high and a comprehensive high school.

SB002491

CAREER–Computer Assisted Research for Educational Relevance.
Project Director: Lamo, Vincent P.
Organization: Blue Hills Regional Technical School, Canton, Mass.
Funding Period: Start Date 1 Jul 72; End Date 19 Mar 73
Contract and/or Control No.: 806

This three-year exemplary project seeks to establish a career development program which will teach marketable skills and basic educational concepts and attitudes required in current, new, and emerging occupations by students at the elementary, secondary, postsecondary, and adult education levels. Procedures include examining new, current, and emerging occupations with long-range employment possibilities and developing critical task information from existing occupational data or through job and task analysis.

SB002492

E/D Model - Model for Evaluation/Diffusion of Exemplary Processes and/or Products.
Project Director: Saris, Ronald J.
Organization: Assabet Valley Regional Vocational School, Southboro, Mass.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 801

This continued project seeks to establish practical, functional guidelines for P.L. 90-576, Part D, exemplary programs and practices. Specific objectives include deriving a model program by documenting in synopsis form the activities undertaken during the planning, trial, and adaption years of Projects MECA and FEEDER, documenting in outline form specific mini-models related to each year denoted, and documenting by synthesis a generalized maxi-model pertaining to the three-year cycle.

SB002493

RECENT - Residential Center for Occupational Education.
Project Director: Saris, Ronald J.
Organization: Assabet Valley Regional Vocational School, Southboro, Mass.
Funding Period: Start Date 23 Mar 73; End Date 15 Sep 73
Contract and/or Control No.: 801

Project RECENT seeks to conduct a feasibility planning study of a residential vocational school specializing in the disadvantaged. The project seeks to determine which existing, renovated, constructed land or water-based facilities can be projected, initiated, or immediately utilized on an interim basis or until such time as the need abates.

SB002494

Operation Fire Academy.
Project Director: Grimes, Martin E.
Organization: National Fire Protection Association, Boston, Mass.
Funding Period: Start Date 1 Oct 72; End Date 1 May 73
Contract and/or Control No.: 385-280

The objectives of this project include studying and reporting on the feasibility of establishing and maintaining a commonwealth operated residential fire fighting academy, initiating pertinent parts of the "Master Plan for a Commonwealth Fire Fighting Academy," and studying the advisability of establishing and maintaining regional vocational fire training schools coordinated under a master, statewide fire education and training plan developed as part of the fire academy.

Fiscal Year 1974

SB002495

CAREER–Computer Assisted Research for Educational Relevance.
Project Director: Lamo, Vincent P.
Organization: Blue Hills Regional Technical School, Canton, Mass.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 806

This three-year exemplary project seeks to establish a career development program which will teach marketable skills and basic educational concepts and attitudes required in current, new, and emerging occupations by students at the elementary, secondary, postsecondary, and adult education levels. Procedures include examining new, current, and emerging occupations with long-range employment possibilities and developing critical task information from existing occupational data or through job and task analysis.

SB002496

E/D Model.
Project Director: Martorana, Joseph W.
Organization: Assabet Valley Regional Vocational-Technical School, Marlboro, Mass.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: E-375

This project will continue to provide funds necessary for managing and administering program models and other implementation packages currently under development or programmed by the Division of Occupational Education. The products, which include four movies, one program model, and thirteen program implementation packages, will allow educators to implement selected occupational competency programs.

Fiscal Year 1975

SB002497

CEDIS–Career Education Dissemination and Information Service.
Project Director: Oppenheim, Norman J.
Organization: Greater Lawrence Regional Vocational-Technical School, Andover, Mass.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: E-175D

The purpose of this continued project is to improve, expand, and integrate the CEDIS information clearinghouse which acquires, organizes, and delivers relevant data to occupational/career education practitioners so that they may better prepare students for meaningful employment and careers. Specific objectives include formulating a comprehensive information retrieval system, preparing materials designed to facilitate specific information needs of user populations, and increasing the awareness among career education practitioners of the information resources available.

SB002498

Selected Functional Components of an Ocupational Education Counseling System for Urban Youth.
Project Director: Cole, Frederick M.
Organization: Lynn Public Schools, Mass.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: E-1376D

This exemplary project seeks to involve urban students in grades 7-12 in a counseling, career orientation, career exploration, and academic and skill training program for occupational competence. During the junior high school years, the focus of the program will be on exploration of occupational clusters, and during grades 10-12, the students will refine their decision-making skills and will begin to learn specific vocational skills. Community involvement will be emphasized.

Fiscal Year 1976

SB002499

Exemplary Rural Collaborative Career Education Program, Grades 7 through 12.
Project Director: Filler, John E.
Organization: Harwich Public Schools, Mass.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76
Contract and/or Control No.: E-576 (d)

Project staff will develop and test a model academic and skills training curriculum to encompass the occupational clusters of construction, transportation, services, and commercial arts. In grades 7-8, objectives will include developing student self-concept and providing vocational information and incentive. Objectives for grades 9-12 include providing guidance in goals selection, developing positive work attitudes, developing occupational skills, and providing occupational instruction adaptable to each student.

SB002500

Project CAREER Curriculum Resource Development.
Organization: Blue Hills Regional Technical School, Canton, Mass.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: E-2176D

An ongoing endeavor, Project CAREER proposes to develop three programs. Occupational Competence Programming Assistance will concern the development of curricula for regular and special needs students. Career Education Planning and Development will feature the development of a state plan for career education and of infusion strategies for career education in local school districts. Maintenance and Dissemination of Project CAREER Curriculum Resource Information will focus on making the information more accurate, useful, and manageable in curriculum development.

SB002501

CEDIS Curriculum Management Center.
Project Director: Oppenheim, Norman J.
Organization: Greater Lawrence Regional Vocational-Technical School, Andover, Mass.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This three-year program will provide a state vocational and technical curriculum development and management system as part of the National Network for Curriculum Coordination in Vocational-Technical Education. First year objectives will include assessing needs, identifying resources, developing an information dissemination network, and conducting regional and local education agency workshops. The second year will emphasize implementing and evaluating the information dissemination network, and the third year will stress refining the curriculum management center.

SB002502

Occupational Education Counseling System for Urban Youth.
Project Director: Cole, Frederick M.
Organization: Lynn Public Schools, Mass.
Funding Period: Start Date 1 Aug 75; End Date 30 Jun 76
Contract and/or Control No.: E1376(d)

This exemplary project will involve urban students in grades 7-12 in a counseling, career orientation, exploration, and academic and skill training program for occupational competence. Objectives for students will include developing habits, attitudes, and competencies necessary for successful job adjustment and occupational readiness; building better self-concepts; improving basic skills; stimulating critical thinking; developing good citizenship; and realizing the methods and rewards of sound economic planning.

Fiscal Year 1977

SB002503

Comprehensive Rural Career Education.
Project Director: Wainwright, Richard
Organization: Harwich Public Schools, Mass.
Contract and/or Control No.: E377(d)

Objectives for the career awareness and exploration program in the elementary and middle schools include providing for self-concept development; providing vocational information, exploration, and incentive; and assisting with decision-making skills and goals selection. Goals at the secondary level include (1) developing occupational skills for entry level employment, (2) providing occupational instruction adaptable to each student, (3) providing knowledge of our economic and business system, and (4) developing positive work attitudes.

SB002504

Exploratory Pre-Vocational Program and Collaborative Occupational Training.
Project Director: Wainwright, Richard
Organization: Harwich Public Schools, Mass.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: E177(d)

This project seeks to continue a model academic and skills training curriculum to encompass the occupational clusters of construction, transportation, services, and commercial arts. In grades 7-8, objectives will include developing self-concept and providing vocational information and incentive. Objectives for grades 9-12 include (1) providing guidance in goals selection, (2) developing positive work attitudes, (3) developing occupational skills, and (4) providing occupational instruction adaptable to each student.

SB002505

CEDIS Curriculum Services Center.
Project Director: Oppenheim, Norman J.
Organization: Greater Lawrence Regional Vocational-Technical School, Andover, Mass.
Funding Period: Start Date 1 Oct 76; End Date 31 Mar 77

This project intends to operate a program of curriculum services and information dissemination designed to improve and expand occupational and career education programs and curricula available to Massachusetts students, particularly in the Boston Public Schools. The proposed programs will (1) make educators aware of new developments in occupational education, (2) break down stereotyping in occupational education, (3) provide the latest program developments nationally and state-wide, and (4) encourage the exchange of information.

SB002506

Hillside Career Education Program.
Project Director: Warren, Elpidia L.
Organization: Dynamic Action Residence Enterprise Inc., Roxbury, Mass.
Contract and/or Control No.: 78-385-300-081-1

The purpose of this project is to equip potential juvenile offenders with the basic skills, work experience, and counseling services which will increase their confidence and provide the abilities to cope with the urban environment. The objectives are to (1) teach basic skills, (2) provide counseling about the world of work and associated social skills, (3) provide real work experiences, (4) provide job placement services, and (5) assist students in career decision making.

MICHIGAN

Part C

Fiscal Year 1971

SB002507 VTP-344

Computer-Assisted Educational Career Exploration System (ECES) (A Feasibility Study of A Computerized Career Guidance System).
Project Director: Mallory, Alva E.
Organization: Genesee Intermediate School District, Flint, Mich.
Funding Period: Start Date 1 Nov 70; End Date 1 Jul 72

The objective of this project is to determine the feasibility of a computer-assisted vocational guidance system for possible statewide application. The system is intended to improve the quality of vocational guidance for students. Approximately 5,000 sophomores from matched schools will be randomly assigned to experimental and control groups. Analysis of the effect of ECES on students, teachers, counselors, and parents will be made.

SB002508

An Individual Instructional System for Development of Curriculums on a Modular Basis Through the Techniques of Occupational Task Analysis.
Organization: Ingham Intermediate School District, Mason, Mich.
Descriptive information unavailable.

SB002509

Developing and Implementing a Systems Approach to Vocational Teacher Education.
Organization: Wayne State Univ., Detroit, Mich.
Descriptive information unavailable.

SB002510

An Articulation Program Involving Ferris State College and State of Michigan Community Colleges and Selected Post Secondary.
Organization: Ferris State Coll., Big Rapids, Mich.
Descriptive information unavailable.

SB002511

A Systems Approach to Managing Individualized Instructional Curriculum (Modular) Developed Through Techniques of Occupational Task Analysis.
Organization: Wayne State Univ., Detroit, Mich.
Descriptive information unavailable.

SB002512

Vocational Education Information Support System (VEISS), A Computerized Reporting and Planning Support System.
Organization: Michigan Vocational Education Research Coordinating Unit, Lansing.
Descriptive information unavailable.

Fiscal Year 1972

SB002513

Vocational Education Information Support System (VEISS), A Computerized Reporting and Planning Support System.
Organization: Michigan Vocational Education Research Coordinating Unit, Lansing.
Descriptive information unavailable.

SB002514

An Individual Instructional System for Development of Curriculums on a Modular Basis Through the Techniques of Occupational Task Analysis.
Organization: Ingham Intermediate School District, Mason, Mich.
Descriptive information unavailable.

SB002515

A Systems Approach to Managing Individualized Instructional Curriculums (Modular) Developed Through the Techniques of Occupational Task Analysis.
Organization: Ingham Intermediate School District, Mason, Mich.
Descriptive information unavailable.

SB002516

Developing and Implementing a Systems Approach to Vocational Teacher Education.
Organization: Wayne State Univ., Detroit, Mich.
Descriptive information unavailable.

Fiscal Year 1973

SB002517

A Systems Approach to Managing Individualized Instruction Curriculum (Modular) Developed Through the Techniques of Occupational Task Analysis.
Organization: Ingham Intermediate School District, Mason, Mich.
Descriptive information unavailable.

SB002518

An Individualized Instructional System for the Development of Curriculums on a Modular Basis Through the Techniques of Occupational Task Analysis.
Organization: Ingham Intermediate School District, Mason, Mich.
Descriptive information unavailable.

SB002519

Development and Implementation of a Systems Approach for Vocational Teacher Education.
Organization: Wayne State Univ., Detroit, Mich.
Descriptive information unavailable.

SB002520

Vocational Education Information Support System (VEISS), A Computerized Reporting and Planning Support System.
Organization: Michigan State Dept. of Education, Lansing.
Descriptive information unavailable.

SB002521

Health Manpower Study Research (Kalamazoo).
Organization: Upjohn (W. E.) Inst. of Employment Research, Kalamazoo, Mich.
Descriptive information unavailable.

Fiscal Year 1974

SB002522 VTP-1485

Agribusiness and Natural Resource Education in Michigan: Employment Demand, Competencies Required, and Recommended Delivery Systems.
Project Director: Trotter, Eugene
Organization: Michigan State Univ., East Lansing.
Funding Period: Start Date 1 Jan 74; End Date 31 Dec 74
The purpose of this project is to determine the demand for employees in terms of present and emerging jobs and in terms of the number of these jobs available, assess the competencies required for entrance and advancement in agriculture-related jobs, and assess the congruencies and discrepancies in existing vocational agribusiness and natural resources programs.

SB002523

Development of a Vocational Curriculum Within Areas of Major Occupational Demand.
Organization: Ingham Intermediate School District, Mason, Mich.
Descriptive information unavailable.

SB002524

Development of a Computer-Assisted Instructional System for Teachers Managing Highly Individualized Instruction; Third Year of Three-Year Project.
Organization: Ingham Intermediate School District, Mason, Mich.
Descriptive information unavailable.

SB002525

Development and Implementation of a Systems Approach for Vocational Teacher Education Based on Terminal Competency Objectives; Third Year of Three-Year Project.
Organization: Wayne State Univ., Detroit, Mich.
Descriptive information unavailable.

SB002526

Development of a Computerized Information System for Ongoing Determination of Manpower Needs and Other Data Needed for Curriculum Change.
Organization: Michigan State Dept. of Education, Lansing.
Descriptive information unavailable.

SB002527

A Project to Develop, Field Test, and Disseminate Terminal Program Objectives for Program Offerings in the School of Technical and Applied Arts, Ferris State College.
Organization: Ferris State Coll., Big Rapids, Mich.
Descriptive information unavailable.

Fiscal Year 1975 - Funding Supported the Research Coordinating Unit.

Fiscal Year 1976

SB002528

Career Exploration.
Organization: Wayne County Intermediate School District, Detroit, Mich.
Descriptive information unavailable.

SB002529

Career Exploration.
Organization: Bay-Arenac Intermediate School District, Bay City, Mich.
Descriptive information unavailable.

SB002530

Development of Performance Based Agriculture Education Curriculum.
Organization: Michigan State Univ., East Lansing.
Descriptive information unavailable.

SB002531

Development and Training of Support Teams for the Proposed Detroit Area Vocational Centers.
Organization: Detroit Public Schools, Mich.
Descriptive information unavailable.

SB002532

A Follow-Up Study of Development and Implementation of an In-Service Training Dealing with the Use of Advisory Committees in Michigan.
Organization: Central Michigan Univ., Mt. Pleasant.
Descriptive information unavailable.

SB002533

An Analysis of the Relationship Between Expectations and Accomplishments of the Career Education Consortium of Universities.
Organization: Michigan State Univ., East Lansing.
Descriptive information unavailable.

SB002534

A Project to Assess the Impact of Curriculum Management Techniques on Vocational Education Delivery in Area Skill Centers.
Organization: Central Michigan Univ., Mt. Pleasant.
Descriptive information unavailable.

SB002535

A Project to Evaluate the Effect of Competency Based Education Instruction on the Teaching of Employability Skills in Michigan Vocational Education Programs.
Organization: Central Michigan Univ., Mt. Pleasant.
Descriptive information unavailable.

Fiscal Year 1977

SB002536

Competency Based Education Planning & Articulation Project.
Organization: Michigan State Univ., East Lansing.
Descriptive information unavailable.

SB002537

Curriculum Articulation in Vocational Education.
Organization: Grand Rapids Junior Coll., Mich.
Descriptive information unavailable.

SB002538

Pre-Service Teacher Education Training Materials Development Project.
Organization: Washtenaw Community Coll., Ann Arbor, Mich.
Descriptive information unavailable.

Part D

Fiscal Year 1970

SB002539

Mini Man Power Project.
Organization: Capoc Community Schools, Mich.
Descriptive information unavailable.

SB002540

A Junior High School Industrial Technology Exemplary Program.
Organization: Pontiac Board of Education, Mich.
Descriptive information unavailable.

SB002541

Vocational Occupations Guidance for Out-of-School Youth.
Organization: Romulus Community Schools, Mich.
Descriptive information unavailable.

SB002542

Winter and Summer Resort Technical Education.
Organization: Gogebic Community Coll., Ironwood, Mich.
Descriptive information unavailable.

SB002543

Community Stationed Contracted Vocational Skill Training.
Organization: Manistique Public Schools, Mich.
Descriptive information unavailable.

SB002544

Rochester Work Experience Programs.
Organization: Rochester Community Schools, Mich.
Descriptive information unavailable.

SB002545

A Shared Time Program in Vocational Education.
Organization: Gogebic-Ontanagon Intermediate School, Ironwood, Mich.
Descriptive information unavailable.

Fiscal Year 1971

SB002546

Mini Man Power Project.
Organization: Capoc Community Schools, Mich.
Descriptive information unavailable.

SB002547

A Junior High School Industrial Technology Exemplary Program.
Organization: Pontiac Board of Education, Mich.
Descriptive information unavailable.

SB002548

Vocational Occupations Guidance for Out-of-School Youth.
Organization: Romulus Community Schools, Mich.
Descriptive information unavailable.

SB002549

Winter and Summer Resort Technical Education.
Organization: Gogebic Community Coll, Ironwood, Mich.
Descriptive information unavailable.

SB002550

Community Stationed Contracted Vocational Skill Training.
Organization: Manistique Public Schools, Mich.
Descriptive information unavailable.

SB002551

Rochester Work Experience Program.
Organization: Rochester Community Schools, Mich.
Descriptive information unavailable.

Fiscal Year 1972

SB002552

Mini Man Power Project.
Organization: Capoc Community Schools, Mich.
Descriptive information unavailable.

SB002553

Vocational Occupations Guidance for Out-of-School Youth.
Organization: Romulus Community Schools, Mich.
Descriptive information unavailable.

SB002554

Winter and Summer Resort Technical Education.
Organization: Gogebic Community Coll., Ironwood, Mich.
Descriptive information unavailable.

SB002555

Community Stationed Contracted Vocational Skill Training.
Organization: Manistique Public Schools, Mich.
Descriptive information unavailable.

SB002556

Rochester Work Experience Program.
Organization: Rochester Community Schools, Mich.
Descriptive information unavailable.

SB002557

A Shared Time Program in Vocational Education.
Organization: Gogebic-Ontanagon Intermediate School, Ironwood, Mich.
Descriptive information unavailable.

Fiscal Year 1973

SB002558

Educational and Career Exploration System (ECES).
Project Director: Mallory, Alva E.
Organization: Genesee Intermediate School District, Flint, Mich.
The objective of this project is to determine the feasibility of a computer-assisted vocational guidance system for possible statewide application. The system is intended to improve the quality of vocational guidance for students. Approximately 5,000 sophomores from matched schools will be randomly assigned to experimental and control groups. Analysis of the effects of ECES on students, teachers, counselors, and parents will be made.

SB002559

Occupational Teacher Education.
Organization: Adrian-Siena Heights Coll., Adrian, Mich.
Descriptive information unavailable.

Fiscal Year 1974

SB002560

Educational and Career Exploration System Project.
Organization: Genesee Intermediate School District, Flint, Mich.
Descriptive information unavailable.

SB002561

Mobile Career Development Project.
Organization: Charlesvoix-Emmet Intermediate School District, Mich.
Descriptive information unavailable.

SB002562

Mobile Career Development Project.
Organization: Eastern Upper Peninsula Intermediate School District, Sault Sainte Marie, Mich.
Descriptive information unavailable.

SB002563

Mobile Career Development Project.
Organization: Gogebic-Ontanagon Intermediate School District, Ironwood, Mich.
Descriptive information unavailable.

Fiscal Year 1975 - No Projects Reported

Fiscal Year 1976

SB002564

Establishment, Operation and Further Development of Individualized Performance-Based Curriculum.
Organization: Saint Clair Intermediate School District, Marysville, Mich.
Descriptive information unavailable.

SB002565

Agribusiness and Natural Resource Education in Michigan.
Organization: Michigan State Univ., East Lansing.
Descriptive information unavailable.

SB002566

Career Education In-Service for Local Education Agencies.
Organization: Central Michigan Univ., Mt. Pleasant.
Descriptive information unavailable.

SB002567

Career Education In-Service for Local Education Agencies.
Organization: Eastern Michigan Univ., Ypsilanti.
Descriptive information unavailable.

SB002568

Career Education In-Service for Local Education Agencies.
Organization: Ferris State Coll., Big Rapids, Mich.
Descriptive information unavailable.

SB002569

Career Education In-Service for Local Education Agencies.
Organization: Wayne State Univ., Detroit, Mich.
Descriptive information unavailable.

SB002570

Career Education In-Service for Local Education Agencies.
Organization: Northern Michigan Univ., Marquette.
Descriptive information unavailable.

SB002571

Career Education In-Service for Local Education Agencies.
Organization: Central Michigan Univ., Mt. Pleasant.
Descriptive information unavailable.

SB002572

Career Education In-Service for Local Education Agencies.
Organization: Michigan Univ., Ann Arbor.
Descriptive information unavailable.

SB002573

Developing Performance Objectives.
Organization: Ingham Intermediate School District, Mason, Mich.
Descriptive information unavailable.

SB002574

Instructional System Curriculum Assistance.
Organization: Ingham Intermediate School District, Mason, Mich.
Descriptive information unavailable.

Fiscal Year 1977

SB002575

Curriculum Articulation in Vocational Education.
Organization: Northern Michigan Univ., Marquette.
Descriptive information unavailable.

SB002576

Curriculum Articulation in Vocational Education.
Organization: Delta Coll., University Center, Mich.
Descriptive information unavailable.

SB002577

Curriculum Articulation in Vocational Education.
Organization: Wayne County Community Coll., Detroit, Mich.
Descriptive information unavailable.

MINNESOTA

Part C

Fiscal Year 1971

SB002578 **VTP-266**

An Individualized Approach to Training Licensed Practical Nurses.
Project Director: Rosdahl, C.
Organization: Minnesota School District 11, Anoka.
Funding Period: Start Date 3 May 71; End Date 25 Aug 72

The objective of this project is to develop evaluation, guidance, and tutorial services to maximize the previous medically related experience and education of people and to enable them to be slotted, with advanced standing, into an existing practical nursing program. The staff of this project will interview past and present students, develop an individual curriculum for each student, and evaluate the learning programs.

SB002579 **VTP-507**

Minnesota Statewide Vocational Testing Program.
Project Director: Nelson, Howard
Organization: Minnesota Area Vocational-Technical Schools, Minn.

This project seeks to make the results of a differential guidance battery available to students and their counselors during the entire senior year by administering the General Aptitude Test Battery to Minnesota high school juniors. The tests will be administerd on specific days at specified testing centers throughout the state and will be offered without charge.

SB002580 **VTP-497**

Area School Follow-Up System: A Project of the Minnesota RCU.
Project Director: Pucel, David J.
Organization: Minnesota Univ., Minneapolis. Coll. of Education.
Funding Period: Start Date 1 Nov 70; End Date 30 Jun 75

The proposed follow-up system for area vocational and technical school graduates will expand upon the follow-up system developed by Project Mini-Score to provide the state with a central follow-up system. The system will gather data of three types: biographical, progress of enrolled students, and follow-up of graduates.

SB002581

Evaluating and Computerizing Local Annual Plans.
Project Director: Maack, Vernon
Organization: Alexandria Area Vocational-Technical School, Minn.
Contract and/or Control No.: 4-C-71

The major purpose of this project is to expand the capabilities for collection and manipulation of data or minimize the manual effort required by the Division of Vocational-Technical Education and school district personnel in planning and reporting processes. Project activities include designing and printing the Local Annual Plan and processing of district program and teacher identification.

SB002582

Analysis of Funding Process in Vocational-Technical Education.
Project Director: Davis, Donald E.
Organization: Educational Management Services, Inc., Minneapolis.

The major goal of this project is to examine the funding processes for vocational and technical education relative to providing incentives and basic foundation support to local education agencies and provide recommendations as to alternative funding methodologies which will expedite this change. Project activities include investigating funding processes that exist in other states and formulating and pilot testing at least two alternative funding models.

SB002583

Minneapolis WECEP Evaluation.
Project Director: Muller, Paul
Organization: Minneapolis Public Schools, Minn.
Contract and/or Control No.: 6-C-71

The purpose of this project is to conduct a cost/benefit analysis of the WECEP program which will provide a basis for determining continuance, discontinuance, or revision of the program. It will provide data on the effectiveness of the program in reducing youth unemployment and will be a cornerstone in establishing an evaluation model for all programs, with a long range goal of developing a standard method for system-wide program evaluation and establishing base-line data.

SB002584

Home Economics Evaluation Project.
Organization: Minneapolis Public Schools, Minn.
Funding Period: Start Date 3 Apr 72; End Date 9 Jun 72

The purpose of this project is to determine whether secondary consumer homemaking programs in the state agree with the requirements stated in the 1968 Amendments to the Vocational Education Act of 1963, Part F, and with general education and consumer homemaking criteria. Evaluation procedures will include a teacher questionnaire and observation of a stratified random sample of home economics teachers by a team of trained observers.

SB002585

Analysis of Local Plan Data.
Organization: Minneapolis Joint Independent School District, Minn.

Descriptive information unavailable.

Fiscal Year 1972

SB002586

Evaluation of Minnesota Secondary Consumer Homemaking Programs.
Organization: Minneapolis Public Schools, Minn.

The purpose of this project is to determine whether secondary consumer homemaking programs in the state agree with the requirements stated in the 1968 Amendments to the Vocational Education Act of 1963, Part F, and with general education and consumer homemaking criteria. Evaluation procedures will include a teacher questionnaire and observation of a stratified random sample of home economics teachers by a team of trained observers.

SB002587 **VTP-427**

Administration of Educational and Vocational Guidance Tests in Minnesota Schools.
Project Director: Perry, Dallis K.
Organization: Minnesota Univ., Minneapolis. Bureau of Student Counseling.
Funding Period: Start Date 1 May 71; End Date 31 Jan 76

This project is an extension of the 1969-70 contract to provide guidance testing services to vocationally oriented high school students through testing centers established in area vocational schools. This contract will include testing in the high schools as well as in the vocational schools, and it will develop a testing program for both college-bound and noncollege-bound students.

SB002588

In-Service Training in the Methods and Materials of Individualizing Instruction in Distributive Education.
Project Director: Mayleben, Donald
Organization: Mankato State Coll., Minn.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 3-C-72

The objective of this project is to acquire from key businesses and educational establishments existing instructional materials in distributive education which can be used to conduct teacher inservice workshops on techniques for individualizing instruction and provide a base for developing new instructional materials which can be published and disseminated throughout the state.

SB002589

An Innovative Pilot Program for the Dental Assistant Curriculum.
Organization: Canby Vocational-Technical Inst., Minn.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objective of this project is to revise the dental assisting curriculum by creating an operation-procedure-skill curriculum which meets individual needs. Learning packages will be developed which will include a general purpose statement, general and specific skill objectives, a series of tasks involving both knowledge and application of subject matter, a variety of resource materials and references, and evaluation procedures.

Fiscal Year 1973

SB002590

Area School Follow-Up System.
Project Director: Pucel, David J.
Organization: Minnesota Univ., Minneapolis. Coll. of Education.

This project will provide for a vocational follow-up system to gather biographical data from students enrolling in full-time post high school day programs in the Minnesota Area Vocational-Technical Institutes, data concerning participants' program termination dates, and one-year follow-up data on the graduates. Developmental activities will include designing and implementing a refined computerized system for storing the data.

SB002591

Annual Report of the Minnesota Research Coordinating Unit for Vocational Education.
Organization: Minnesota Univ., Minneapolis.
Contract and/or Control No.: 2-C-73

The program for FY 1973 includes the following functions: stimulate, facilitate and coordinate innovative research and development efforts; disseminate research-related information; increase the number and improve the competence of producers and consumers of career education research-related materials; create knowledge and useful products that have potential for making long-range and general qualitative improvements in career education; and management and liaison.

SB002592

Analysis of the Local Annual Plan Project.
Organization: Minneapolis Joint Independent School District 287, Minn.
Contract and/or Control No.: 3-C-73

This project is a joint responsibility of the State Department of Education and District 287. The state will develop a calendar for needed reports and submit material for processing; the district will arrange for computer and computer-related equipment and provide for their operation and necessary system analysis and programming.

SB002593 VTP-1518

Effectiveness of Model Office, Cooperative Office Education, and Office Procedures in Developing Office Decision-Making Abilities, in Changing Perceptions of the Office World of Work, and in Developing a Knowledge of Business Fundamentals and General Business Information.
Project Director: Hopkins, Charles R.
Organization: Minnesota Univ., Minneapolis. Coll. of Education.
Funding Period: Start Date 1 Sep 72; End Date 31 Oct 73

The objective of this project is to determine the effectiveness of courses in model office, cooperative office education, and office procedures on students enrolled in the programs. The schools will be selected on a stratified random basis, and students will complete a socioeconomic scale, a personal questionnaire, and a vocabulary test. They will also complete pre and posttests on office decision making, perceptions of office world of work, business fundamentals, and general business information.

SB002594

Administration of Educational and Vocational Guidance Tests in Minnesota Schools.
Project Director: Perry, Dallis K.
Organization: Minnesota Univ., Minneapolis. Bureau of Student Counseling.

This project is a continuation of a program to provide guidance testing services to vocationally oriented high school students and a coordinated eleventh grade testing program for both college-bound and noncollege-bound students. These tests are made available to high schools for their use on an optional basis (if necessary state funds are available) in conjunction with the Minnesota Scholastic Aptitude Test.

Fiscal Year 1974

SB002595 VTP-1106

Vocational Followup System.
Project Director: Moss, Jerome
Organization: Minnesota Univ., Minneapolis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project is a continuation of the vocational follow-up system for the period July 1, 1973 to June 30, 1974. The vocational follow-up system will gather biographical data from students upon enrolling in fulltime post-high school day programs of the area vocational and technical institutes, data concerning participants' program termination dates, and one-year follow-up data on the graduates of these programs.

SB002596 VTP-1107

Research Coordinating Unit for Vocational Education (Proposal Activities and Budget FY 1974).
Organization: Minnesota Univ., Minneapolis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objectives of this project are to stimulate, facilitate, coordinate, and disseminate research and development efforts in the state and conduct research training activities and research and development activities. A system for coordinating funded research and development projects will be administered, the amount of vocational or career education research will be increased, and an up-to-date research library will be maintained. A follow-up procedure for secondary school graduates and early leavers will also be developed.

SB002597

An Innovative Pilot Program for the Dental Assistant Program, Phase II.
Organization: Canby Area Vocational-Technical Inst., Minn.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project will provide the funds to continue the development of a skill oriented curriculum for a dental assistant program. The objectives of Phase II are to complete the learning packages in progress which include "Clinical Practice in Producing a Diagnostic Record on Film," "To Process and Mount Film Records," and "To Receive Patients and Callers" and continue to develop the audiovisual support materials for the program.

SB002598

A Study Related to the Distribution of State and Federal Funding for Vocational-Technical Education.
Project Director: Johnson, Melvin E.

Organization: Educational Management Services, Inc., Minneapolis, Minn.
Funding Period: Start Date 1 Sep 73; End Date 30 Jun 74

This project will provide the funds necessary to employ a consultant to develop forms and procedures for the distribution of state and federal monies for vocational and technical education. The responsibilities of the consultant include assessing and reporting vocational programs and reporting on variation in class size, facility and supply costs, administrative overhead, and teachers' salaries and developing and field testing an experimental model of funding/reimbursement operations for vocational education, basing the vocational aids on individual program needs and district costs.

SB002599

To Develop a Federal Legislation Model That Will Provide a Major Role for the Public Educational System in Providing Vocational-Technical Education to Develop the Nation's Manpower Resources.
Project Director: Moss, Jerome, Jr.
Organization: Minnesota Univ., Minneapolis.
Funding Period: Start Date 21 Dec 73; End Date 31 Oct 74
Contract and/or Control No.: 4-C-74

Objectives of this project will be to determine the extent to which all segments of the nation's manpower needs are being met through public school education by current federal legislation; determine more effective means of meeting these needs through public school education; identify regulations that limit or preclude state or local participation in federal programs; and design model federal legislation that will eliminate duplication, inefficiency, and overlapping of programs.

Fiscal Year 1975

SB002600 **VTP-2214**

Research Coordinating Unit-Activity Proposal for Fiscal Year 1976.
Project Director: Smith, Brandon B.
Organization: Minnesota Univ., Minneapolis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The activities of this project are to stimulate, facilitate, and coordinate innovative research and development efforts; increase the number and improve the competencies of producers and consumers of career or vocational education research and related materials; and create knowledge and transportable products of procedures in the field. A coordinated system of research and projects will be administered; and an up-to-date research library, mailing list, and services will be maintained.

SB002601

Vocational Follow-Up System.
Project Director: Pucel, David J.
Organization: Minnesota Univ., Minneapolis. Coll. of Education.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project will provide for the continuation of the vocational follow-up system to gather biographical data from students enrolling in full-time post high school day programs in the Minnesota Area Vocational-Technical Institutes, data concerning the dates these people terminate from the programs, and one-year follow-up data on the graduates. Developmental activities will include designing and implementing a refined computerized system for storing the data.

Fiscal Year 1976

SB002602

Secondary - Post-Secondary Curriculum Articulation Project.
Project Director: Berger, Laura
Organization: Minnesota Research Coordinating Unit for Vocational Education, Minneapolis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The purpose of this project are to increase the competencies of state supervisors and selected teacher educators in working with articulation procedure, field test and implement the curriculum articulation procedure in two school districts and in two vocational areas, and conduct teacher workshops to help them write or develop instructional materials from task inventories. Emphasis will be on auto mechanics and business and office education.

SB002603 **VTP-2213**

Minnesota Vocational Follow-Up System (Post-Secondary).
Project Director: Johnson, Melvin E.
Organization: National Computer Systems, Minneapolis, Minn.
Funding Period: Start Date 1 Aug 75; End Date 30 Jun 76

This project will develop an operational vocational follow-up system to interface with the existing data base. It intends to establish report and review procedures to inform state authorities of activities; develop and distribute four data collection instruments to all area vocational and technical institutes; and incorporate the resultant enrollment, termination, and follow-up data into an annual report.

SB002604

Vocational Education Research.
Organization: Minnesota Research Coordinating Unit for Vocational Education, Minneapolis.

Projected research activities for FY 1976 include making available to schools a procedure for following up secondary school graduates and early leavers; designing a system for planning vocational programs; developing, testing, and making available a procedure for assessing individual demand for vocational education; developing training materials and business management procedures for small business operators; and developing and validating materials and criterion instruments for career education programs.

SB002605 **VTP-2371**

Work Plan for Technical Assistance to the Division of Vocational-Technical Education.
Project Director: Mohrenweiser, Gary
Organization: Educational Management Services, Inc., Minneapolis, Minn.
Funding Period: Start Date 1 Dec 75; End Date 30 Jun 76

The purpose of this project is to determine costs for adult and postsecondary vocational programs. Project activities will include gathering data from four area vocational and technical institutes to relate costs to program level. The sample will be comprised of one institute from an intermediate district, one from a metropolitan area, and two from a rural area.

SB002606

Minnesota Vocational Follow-Up System (Post-Secondary).
Project Director: Pospesel, Dolores
Organization: Minnesota State Dept. of Education, Minneapolis.
Funding Period: Start Date 1 Oct 76; End Date 30 Jun 77

The purpose of this project is to provide a consultant whose duties will include (1) maintaining the operational vocational follow-up system to interface with the existing data base and not disrupt the data collection system; (2) maintaining the report and review procedures; (3) distributing data collection instruments; and (4) in conjunction with the state, providing two inservice workshops for area vocational and technical school personnel.

Fiscal Year 1977

SB002607

Vocational Education Research.
Project Director: Smith, Brandon B.
Organization: Minnesota Research Coordinating Unit for Vocational Education, Minneapolis.

This project will fund the Research Coordinating Unit (RCU) which serves as a support agency to the Division of Vocational-Technical Education. Its major functions are directed toward research stimulation, competency improvement, dissemination, conduct, and management. In addition to conducting research activities in vocational education, the resources of the RCU (library, technical assistance, etc.) are made available to vocational educators requesting them.

SB002608

Articulation of Secondary and Post Secondary Vocational-Technical Curricula in Minnesota.

Project Director: Burger, Laura J.
Organization: White Bear Lake 916 Area Vocational-Technical Inst., Minn.

The major objectives of this project are to complete the task lists and competency records needed to pilot the articulation procedure; pilot the articulation procedure in two program areas (auto mechanics occupations and clerical secretarial occupations) in two geographic locations per program area; provide inservice training to selected state supervisors, local education personnel, and teacher educators in the use of the articulation procedure; and coordinate and stimulate articulation efforts in the state.

SB002609

Minnesota Vocational Follow-Up System.
Project Director: Johnson, Melvin E.
Organization: National Computer Systems, Minneapolis, Minn.

Project staff will design and operate systems for gathering and reporting data pertaining to students who enroll in and terminate from the area vocational and technical institutes. In addition, the follow-up system is called upon to interpret the philosophical basis upon which the system is developed and how it might be used by various consuming publics for decision-making purposes.

SB002610

Work Plan for Technical Assistance to the Division of Vocational-Technical Education.
Project Director: Mohrenweiser, Gary
Organization: Educational Management Services, Inc., Minneapolis, Minn.
Funding Period: Start Date 15 Dec 76; End Date 30 Jun 77

Funding will enable the division of Vocational-Technical Education to hire a consultant to provide technical assistance for the adult education program.

SB002611 **VTP-2841**

Attributes of Secondary Vocational Center Training: Nature of Programs and Student Perceptions and Plans.
Project Director: Edin, Stanley A.
Organization: Staples Area Vocational-Technical Inst., Minn.
Funding Period: Start Date 1 Jan 77; End Date 1 Sep 77

The purpose of the project is to decide the attributes of the secondary vocational system as it currently exists in Minnesota and ascertain some of the plans and perceptions of the students participating in center programs. Procedures will include interviewing individuals concerned with center development; reviewing literature; and designing and administering instruments to be given to students, instructional staff, center directors, and superintendents.

Part D

Fiscal Year 1970

SB002612

A Project to Demonstrate Making Vocational Education More Accessible to Persons in Rural Minnesota Through Cooperative Vocational Centers.
Project Director: Van Tries, Robert P.
Organization: Minnesota State Board for Vocational Education, St. Paul.
Funding Period: Start Date 1 Jan 70; End Date 31 Dec 70

The purpose of this project is to establish two cooperative vocational centers in widely separated locations in the state to serve high school students and adults, anticipating that additional centers will eventually be established. These centers will be supported by a group of schools cooperating in planning and providing vocational education for all students of all member schools, thus expanding present vocational offerings by adding new courses and special courses that one school could not support alone.

Fiscal Year 1971

SB002613

A Comprehensive Model Designed to Orient Students, Teachers, and Parents to the World of Work in Grades K-12.
Organization: Brooklyn Center Independent School District 286, Minn.

This project in a large suburban school system will develop a comprehensive career education program K-adult and a community resource center for adults and former students. The first phase will deal with articulation of offerings between the current academic high school and a recently developed postsecondary area vocational school. Guidance and formal courses in career education will represent a major part of this model.

SB002614

Project TACO: Technology Assisted Career Orientation.
Organization: Osseo Independent School District 279, Minn.

This project is a comprehensive K-12 career education plan for one of the smaller suburban schools. It revolves around the use of a closed circuit TV network established among several elementary and junior high schools. Emphasis during the first phase will be on developing materials and supporting counseling services for grades K-6.

SB002615

Elementary Career Orientation.
Organization: Owatonna Independent School District 94, Minn.

This project in a rural farm community plans to concentrate on career education in the elementary schools during Phase I and expand to junior and senior high in later phases. It involves staff and students from both public and parochial elementary schools, and a local plan for evaluating the career education program will be cooperatively developed.

SB002616

Career Oriented Education in the Red Wing Public School.
Organization: Red Wing Independent School District 256, Minn.

This project involves the development of an articulated comprehensive (K-14) program in a rural farming community. Phase I will concentrate on grades K-6. Phase II and III will expand to the junior and senior high and will emphasize guidance services, vocational skill development, and occupational or educational placement.

SB002617

A Developmental Career Development Elementary Program for Independent School District 623.
Organization: Roseville Independent School District 623, Minn.

This career education project deals only with students in grades K-6. Its purpose is to develop and test effective methods for teaching occupational awareness within a large elementary school system.

SB002618

The Relevance of Community Resources Toward the Development of Understanding Occupational Opportunities and the Significance of the World of Work in the Willmar Public Schools.
Organization: Willmar Independent School District 347, Minn.

The Willmar Area Vocational-Technical School will provide leadership for the development of an articulated comprehensive career education program (K-14) for an entire rural community. The major emphasis will be placed on identifying and using community resources in the instructional process in classrooms.

SB002619

Students, Parents, and Teachers Explore the World of Work in Southeastern Minnesota.
Organization: Winona Area Technical School, Minn.

This project will provide leadership to a smaller rural community in developing a meaningful career education program for elementary students in grades K-6. Guidance and instructional personnel from the project staff will assist local teachers in the development of curriculum and instructional materials using a wide range of audiovisual materials and gaming techniques to teach occupational awareness.

SB002620

Career Development K-12.
Organization: Cloquet Independent School District 94, Minn.

This project involves the development of a comprehensive career education program K-12 for a rural community located in a distressed iron mining area. Since there is no junior college or area vocational school in the community, the model will represent one community's effort to develop and operate a K-12 career education program.

SB002621

Orientation to the World of Work.
Organization: Cloquet Independent School District 94, Minn.

This project involves the development of a comprehensive career education program K-12 for a rural community located in a distressed iron mining area. Since there is no junior college or area vocational school in the community, the model will represent one community's effort to develop and operate a K-12 career education program.

SB002622

Horizontally and Vertically Integrated Systems Approach Preparing Teachers for Implementation of Career Development Through Curriculum.
Organization: Minnesota Univ., Minneapolis.

Descriptive information unavailable.

SB002623

Integrating Vocational Organization and Training.
Organization: Stillwater Independent School District, Minn.

Descriptive information unavailable.

SB002624

Pragmatic Mainstream Vocational Program.
Organization: Central Minnesota Educational Research and Development Council, St. Cloud.

Descriptive information unavailable.

SB002625

Students, Parents, Teachers Explore the World of Work in Southwestern Minnesota.
Organization: Winona Area Vocational-Technical Inst., Minn.

Descriptive information unavailable.

SB002626

Unreached Potential–A Search for Relevance.
Organization: Minneapolis Public Schools, Minn.

Descriptive information unavailable.

SB002627

Career Development Through Community Resource Center Utilizing Teachers.
Organization: Robbinsdale Independent School District 281, Minn.

Descriptive information unavailable.

SB002628

Career Development K-12 and an Area Vocational-Technical School Using a Television System.
Organization: Jackson Area Vocational-Technical Inst., Minn.

Descriptive information unavailable.

SB002629

K to Adult Career Development in Little Falls Center School.
Organization: Little Falls Independent School District 482, Minn.

Descriptive information unavailable.

SB002630

Career Orientation for a Rural Vocational Education Center.
Organization: East Grand Forks School District 595, Minn.

Descriptive information unavailable.

SB002631

Technology Assisted Career Orientation.
Organization: Osseo Independent School District 279, Minn.

Descriptive information unavailable.

SB002632

Comprehensive Model Designed as a Student Orientation to the World of Work, Grades 7-12.
Organization: Brooklyn Center Schools, Minn.

Descriptive information unavailable.

Fiscal Year 1972

SB002633

Developing Articulated High School and Post High School Vocational Curriculums.
Project Director: Moss, Jerome, Jr.
Organization: Minnesota Research Coordinating Unit for Vocational Education, Minneapolis.
Funding Period: Start Date 1 Jul 72; End Date 1 Jul 73
Contract and/or Control No.: 2-D-72

Objectives of this project are to specify the intermediate and terminal objectives of career education programs; describe the curriculum structure and principle characteristics of a complete model career education program, K-retirement; designate an occupational area for initial curriculum development efforts; design an appropriate curriculum development method; apply the curriculum development method to the selected occupational area(s); and assess the practicality and validity of the curriculum development method.

SB002634

Project Opportunity.
Project Director: Richardson, Donna
Organization: Anoka-Hennepin Independent School District 11, Anoka, Minn.

The objectives of this project are to implement individualized learning modules and challenge examinations in the practical nursing program, articulate with the high school exploratory programs, identify health occupations core curricula, provide for career development which allows for vertical or horizontal movement without penalty, and assist in building into an existing associate degree program at Anoka-Ramsey Junior College.

SB002635

VIEW and MATCH Project.
Project Director: Grudem, Harold
Organization: Dakota County Area Vocational-Technical Inst., Rosemount, Minn.
Contract and/or Control No.: 3-D-73

This project will expand the existing Instant Information Program which provides information about vocational and technical courses and current program openings; expand the Vocational Information for Education and Work (VIEW) program which provides current occupational information for which there are programs in the thirty-three vocational institutes; and expand the pilot project, MATCH, which places prospective employees and employers in contact with each other.

SB002636

Burnsville Senior High Career Exploration.
Project Director: Green, James
Organization: Burnsville Senior High School, Minn.
Funding Period: Start Date 5 Sep 72; End Date 7 Jun 73
Contract and/or Control No.: 4-D-72

The purpose of this project is to provide students with a knowledge of the world of work and how their abilities, aptitudes, interests, skills, and vocational needs relate to occupations and careers. Students will be assisted in making self-assessments and thoroughly

investigating occupations, the training requirements, and the need reinforcers of each occupation. Students may expect to spend approximately one-third of their time in field experiences.

SB002637

Fashion Merchandising Career Exploration Learning Materials Project.
Project Director: Jarnow, Jeannette
Organization: Anoka-Hennepin Independent School District 11, Anoka, Minn.
Funding Period: Start Date 9 Oct 72; End Date 4 May 73
Contract and/or Control No.: 5-D-72

The purpose of this project is to provide students an opportunity to explore a fashion merchandising career before choosing postsecondary education. A learning packet will consist of a series of materials which will be integrated into various state vocational resource centers. A student's ability to make a career choice and adjust to that career's demands will be stressed. The fashion merchandising management packet will be only a tool used by the student to make a sound career decision.

SB002638

Career Education for Urban Youth.
Project Director: Lehto, Harold T.
Organization: Saint Paul Independent School District 625, Minn.
Funding Period: Start Date 8 Dec 72; End Date 1 Dec 73

The purpose of this project is to plan, conduct, and evaluate four elementary and secondary inservice workshops to provide an introduction to career education and share career education experiences. Each workshop will be conducted over a six-week period and will include a dialogue between the participating educators, representatives of the business community, and representatives of the Department of Manpower Services.

SB002639

Career Education Workshop for Elementary Teachers and Administrators: A Pilot Project.
Project Director: Johnson, Jerry
Organization: Plainview Community School, Minn.
Funding Period: Start Date 15 Mar 73; End Date 31 Dec 73
Contract and/or Control No.: 7-D-72

This pilot project will use classroom teachers and administrators currently engaged in exemplary career education projects as presenters/demonstrators/facilitators at career education workshops to be established on a regional basis. The workshops will be structured to provide an orientation to and demonstration of career education concepts and procedures, an opportunity for interaction between presenters and participants, and involvement in development of career education materials.

Fiscal Year 1973

SB002640

Individualized, Performance-Based Curriculum at the Minneapolis Area Vocational-Technical Institute.
Project Director: Anderson, Floyd L.
Organization: Minneapolis Public Schools, Minn.
Funding Period: Start Date 1 Apr 73; End Date 30 Jun 74

Objectives of this project are to develop individualized instructional packages for each course in the program, show teachers how to use additional methods and techniques to implement performance-based curriculum, develop a system of open entry/open exit, and develop a release-time program for human relations training for all staff.

SB002641

Pilot for International Learning and Occupational Training in Cosmetology.
Project Director: Burke, James
Organization: Saint Paul Area Vocational-Technical Inst., Minn.
Funding Period: Start Date 1 Jan 73; End Date 1 Jan 74
Contract and/or Control No.: 2-D-73

The goal of this project is to design and implement a postsecondary vocational training program which will provide an opportunity for about forty-five post high school cosmetology students to further their education and occupational skills through unique onsite foreign training experiences. The project will seed the cosmetology profession with individuals equipped with firsthand training in British and French cosmetology techniques, cosmetic product information, and hair styling.

SB002642

PROJECT SHARE: Providing Relevant Supplies and Equipment for Vocational Education in Minnesota.
Project Director: Peterson, Richard B.
Organization: Dakota County Area Vocational-Technical Inst., Rosemount, Minn.
Funding Period: Start Date 4 Jan 73; End Date 30 Jun 73
Contract and/or Control No.: 3-D-73

The primary objective of this project is to acquire for all vocational programs a larger quantity of free and inexpensive merchandise, supplies, and equipment from industry for simulated training laboratories in all fields. These supplies will be distributed to all programs in the state on an equitable basis, thus reducing costs to local school districts or providing a greater quantity and variety of products on the same budget.

SB002643

Experiential Educational Administration Program for Vocational Administrators.
Project Director: Coleman, Brendan G.
Organization: Mankato State Coll., Minn.
Funding Period: Start Date 1 Jun 73; End Date 30 Jun 74
Contract and/or Control No.: 5-D-73

To alleviate the growing shortage of qualified administrators for secondary and postsecondary vocational education programs, this project will develop a program which includes a twelve-week supervised and coordinated internship, competency-based examinations to complete a portion of the degree requirements, currently practicing vocational administrators as visiting lecturers, a series of refresher symposiums on vocational administration, off-campus and on-campus inservice course offerings, and certified vocational teacher educators and college faculty on each candidate's advisory committee.

SB002644

A Proposal to Develop Individualized Learning Packages for Selected Post-Secondary Occupational Programs of Two Years Duration or Less.
Project Director: McGuire, George
Organization: White Bear Lake 916 Area Vocational-Technical Inst., Minn.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73
Contract and/or Control No.: 1-D-73

The objective of this project is to develop individualized learning packages and pre or postassessment instruments for selected occupations and for inservice teacher training. Areas selected are: general office clerical occupations; stenographic, secretarial and related occupations; food service program; electro-mechanical technician; auto mechanics program; truck mechanics or body mechanics; and teacher training program for vocational and technical education.

Fiscal Year 1974

SB002645

Developing Articulated High School and Post High School Vocational Curriculums.
Organization: Minnesota Univ., Minneapolis.
Contract and/or Control No.: 1-D-72

This project will carry out two sets of activities. The first deals with the conversion of task inventories into individualized instructional materials. In the second set, task inventories will be developed for a total of thirty occupations in one or two clusters selected by the state staff, with the recommendation that all occupations be from the communications-media cluster.

SB002646

Project Opportunity (Phase III).
Project Director: Richardson, Donna
Organization: Anoka-Hennepin Independent School District 11, Anoka, Minn.
Funding Period: Start Date 1 Jul 73; End Date 1 Jul 74

Present goals of this continuing project are implementation of the practical nursing individualized curricula, utilization of the materials in other schools of practical nursing, implementation of core modules in all twelve health occupations, utilization of core modules in a local high school as a pilot course, and continued development of learning modules for other health occupations.

SB002647

PROJECT SHARE: Providing Relevant Supplies and Equipment for Vocational Education in Minnesota.
Project Director: Peterson, Richard B.
Organization: Detroit Lakes Area Vocational-Technical Inst., Minn.
Funding Period: Start Date 1 Aug 73; End Date 31 Oct 73
Contract and/or Control No.: 3-D-73

Phase III of this continuing project will nominally expand staff and facilities. This project acquires free and inexpensive merchandise, supplies, and equipment from industry for simulated training laboratories in vocational fields and distributes these supplies to programs throughout the state on an equitable basis.

SB002648

Instant Information VIEW/MATCH.
Project Director: Grudem, Harold
Organization: Dakota County Area Vocational-Technical Inst., Rosemount, Minn.
Contract and/or Control No.: 3-D-74

This project will expand the existing Instant Information program which provides information about vocational and technical courses and current program openings; expand the Vocational Information for Education and Work (VIEW) program which provides current occupational information for which there are programs in the thirty-three vocational institutes; and expand the pilot project, MATCH, which places prospective employees and employers in contact with each other.

SB002649

Career Education for Urban Youth - Phase II.
Project Director: Lehto, Harold T.
Organization: Saint Paul Independent School District 625, Minn.
Funding Period: Start Date 1 Dec 73; End Date 30 Aug 74
Contract and/or Control No.: 7-D-74

Project objectives are to develop career education curriculum and media, provide career education to diverse urban youth, provide a career education model, promote dialogue between urban educators, business, and government agencies to develop career education programs, pursue career education as a vital district priority, and develop a district-wide career resource center and build career education resource centers.

SB002650

Minnesota Statewide Testing Program.
Organization: Minnesota Univ., Minneapolis.

This project will fund the continued operation of a vocational planning battery for students planning vocational training. Results are available to students and their high school counselors, and program reports are available on request to the state technical institutes and the Division of Vocational-Technical Education. Data on the use and value of the program to students and counselors are also reported.

SB002651 VTP-1242

International Vocational Studies in Merchandising and Design.
Project Director: Jereczek, Eugene P.
Organization: Joint Independent School District 287, Minneapolis, Minn.
Funding Period: Start Date 1 Sep 73; End Date 30 Jun 74

The objectives of this project are to provide a maximum of fifteen students who have completed one year of vocational training in fashion merchandising and design an opportunity to acquire an international training experience; recruit, appoint, and utilize an industrial advisory committee; provide the profession with individuals who have had first-hand foreign training; and evaluate the effectiveness of the program. The appropriate procedures for the collection of data for the studies will designed.

SB002652 VTP-1284

International Vocational Studies in Advanced Culinary Arts.
Project Director: Jereczek, Eugene P.
Organization: Suburban Hennepin County Area Vocational-Technical Center, Minneapolis, Minn.
Funding Period: Start Date 1 Jan 74; End Date 31 Dec 74

The objectives of this project are to provide a maximum of twenty students who have completed one year of vocational training in advanced culinary arts an opportunity to acquire an international training experience; recruit, appoint, and utilize an industrial advisory committee; provide the profession with individuals who have had first-hand foreign training; and evaluate the effectiveness of the program.

SB002653

Career Education in English.
Project Director: Vick, Vernon M.
Organization: Roseville Area Independent School District 623, Minn.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 6-D-74

The objective of this project is to develop a curriculum for use in junior high English which will contain a series of activities oriented toward career exploration, using the career cluster framework developed by the U.S. Office of Education. The curriculum will provide a new way of approaching the teaching of English and will provide a stimulus to further develop career related curriculum.

Fiscal Year 1975

SB002654 VTP-1445

Curriculum for Occupational Education.
Project Director: Lundell, William R.
Organization: Minneapolis Public Schools, Minn.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to develop a format and conduct an onsite task analysis in eight occupational clusters, a performance profile for each occupational course which will be used as an accountability tool, and a curriculum guide format. Teachers will be contracted to conduct five task analyses for each occupation. A performance profile will be developed from each task analysis.

SB002655 VTP-1460

Minnesota Instructional Materials Center.
Project Director: Knaak, William
Organization: White Bear Lake 916 Area Vocational-Technical Inst., Minn.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The goals of this project include (1) identifying the needs for career education materials, (2) annually updating and validating the inventory of needs, (3) establishing an inventory and abstracts of available materials, (4) developing a strategy for using the inventories, (5) establishing a method for coordinating the dissemination activities, and (6) establishing a project evaluation method. An advisory committee will be formed, and a series of workshops will be provided.

SB002656

Addendum to the Work Plan for Technical Assistance to the Division of Vocational-Technical Education.
Project Director: Mohrenweiser, Gary
Organization: Educational Management Services, Inc., Minneapolis, Minn.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: 61592

Funds from the project are to cover an additional scope of work which includes conducting regional workshops on the new funding formula and on current problems and status of the system and designing and recommending written policies/procedures for problem areas.

SB002657 VTP-1878

Statewide Mathematics Assessment of 17 Year Olds.
Project Director: Ludeman, Ivan
Organization: Richfield Public Schools, Minn.
Funding Period: Start Date 1 Jan 75; End Date 31 Dec 75

The objectives of this project are to determine the level of performance of students in the cognitive, affective, and psychomotor domains and identify the variables which account for the variation in student performances. Student questionnaires and exercise booklets are being developed. Field testing of the surveys will be conducted, and questionnaires will be completed by the principal.

SB002658

Minnesota Statewide Testing Program.
Organization: Minnesota Univ., Minneapolis.
Contract and/or Control No.: 8-D-75

This project will fund the continued operation of a vocational planning battery for students planning vocational training. Results are available to students and their high school counselors, and program reports are available on request to the state technical institutes and the Division of Vocational-Technical Education. Data on the use and value of the program to students and counselors are also reported.

SB002659

An Innovative Pilot Program for Dental Assisting.
Project Director: Anderson, Marilyn J.
Organization: Canby Vocational-Technical Inst., Minn.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: 4-C-72

The objectives of this continuing project to develop a dental assistant program include completing the remaining learning packages and audiovisual support materials that comprise the curriculum, establishing a norm length of time for each learning package, and establishing guidelines for the most efficient means of distributing the learning packages to students at the institute and other dental assisting programs throughout the state.

SB002660

Secondary Health (Exploratory) Occupations Programs - Consultation and In-Service Training.
Project Director: Richardson, D.
Organization: Anoka-Hennepin Independent School District 11, Anoka, Minn.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project include providing workshops for Minnesota's secondary health occupations instructors to prepare them to use the concept of individualized instruction, providing onsite consultation services and inservice education to help them implement the individualized curriculum previously developed by Project Opportunity, adapting this curriculum to meet their individual needs, developing modules specific to their own communities, and assisting with articulation of secondary health occupations graduates into postsecondary programs.

SB002661

Individualized, Performance-Based Curriculum at the Minneapolis Area Vocational-Technical Institute.
Project Director: Anderson, Floyd L.
Organization: Minneapolis Public Schools, Minn.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: 3-D-75

In this second year of the project, the organizational model for developing new programs and modifying existing programs developed during the first year will be further tested and modified, and the teacher support program also developed during the first year will be modified and expanded. Curriculum will be developed, long-range curriculum planning organized, and an extensive curriculum resource center will be planned.

SB002662

Developing Articulated High School and Post High School Curriculum--Phase III.
Organization: Minnesota Research Coordinating Unit for Vocational Education, Minneapolis.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The goals of this project are to develop a system for articulating secondary and postsecondary vocational programs in the state and assist in developing and coordinating a support system for competency-based vocational curricula. Specific objectives include developing a curriculum model, rationale, and long-range plan for implementing an articulated vocational system and developing a system for identifying, updating, and validating content for vocational program areas.

Fiscal Year 1976

SB002663 VTP-2216

Women in Non-Traditional Vocational Education.
Project Director: Preston, Jane
Organization: Minnesota State Dept. of Education, St. Paul. Div. of Vocational-Technical Education.
Funding Period: Start Date 15 Aug 75; End Date 14 Aug 76

The goals of this project are to identify those variables that tend to limit women's participation in nontraditional programs at area vocational and technical institutes and develop, implement, and evaluate materials and procedures to encourage their participation. Project objectives are to increase women's awareness of and knowledge about Minnesota's occupational training opportunities and provide women with information concerning available postsecondary vocational and technical training opportunities.

SB002664 VTP-2370

The Implementation of a Student and Staff Chemical Dependency Assistance Program in Minnesota Area Vocational-Technical Institutes.
Project Director: Mantell, Margaret H.
Organization: Anoka-Hennepin Independent School District 11, Anoka, Minn.
Funding Period: Start Date 1 Jan 76; End Date 31 Jan 77

The purpose of this project is to implement an adapted industrial program model in Minnesota Area Vocational-Technical Institutes (AVTI) using Anoka AVTI as a pilot test site. Objectives include determining the extent of the problem, program philosophy, procedures to carry out the philosophy, and the resources available and needed for program development, implementation, and evaluation; determining the necessary community resources that will affect the program; and transporting the program to other AVTI's in Minnesota.

SB002665 VTP-2212

Individualized Performance Based Curriculum at the Minneapolis Area Vocational-Technical Institute.
Project Director: Anderson, Floyd L.
Organization: Minneapolis Public Schools, Minn.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The objectives for the third year of the project include using the modified organizational model for program development, developing curriculum for industrial employment, establishing contracts with teachers for curriculum development, training teachers for the development process, and organizing a curriculum resource center. Industrial surveys will ascertain employment competencies, and inservice training will be conducted for the teachers.

SB002666

Rainy River-Koochiching Vocational Board of Education for the Combined School District - College Study.
Project Director: Simpson, Wallace A.
Organization: Rainy River Community Coll., International Falls, Minn.
Funding Period: Start Date 1 Nov 75; End Date 30 Jun 76

Funds from this project will be used to conduct a feasibility study to develop a pilot project to deliver secondary and postsecondary vocational and technical education in the International Falls, Littlefork, South Koochiching, and Rainy River areas. The study will include identifying the populations to be served and the area employment demands and determining the needs of the residents for vocational and career education programs.

SB002667

Minnesota Instructional Materials Center.
Project Director: Knaak, William
Organization: White Bear Lake 916 Area Vocational-Technical Inst., Minn.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 5-D-76

This project seeks to continue the aspects of the center that are developmental. The objectives include maintaining and expanding an Instructional Materials/Media Resource Library; maintaining consultants and technicians to assist with the design, development, use, evaluation, and dissemination of curriculum and instructional materials and media; and maintaining materials and media reproduction and dissemination capabilities whereby Minnesota's educational personnel can acquire materials and participate in the National Network for Curriculum Coordination in Vocational-Technical Education.

SB002668 VTP-2511

A Study of Vocational-Technical Needs of the South Central Minnesota Area.
Project Director: McDermott, Gene
Organization: Faribault Area Vocational-Technical Inst., Minn.
Funding Period: Start Date 1 May 76; End Date 31 Dec 76

The purpose of this project is to formulate plans for future vocational and technical programs and services for south central Minnesota. The three-phase study will provide data to compare programs in that area with the entire state; furnish an assessment of the additional programs required to equalize vocational and technical education opportunities; and identify, develop, and document feasible implementation strategies.

SB002669 VTP-2510

The Development of an Audio-Visual Presentation to Illustrate Local and State Vocational Preparation Opportunities in the Business and Office Education Cluster.
Project Director: Hale, Rodney
Organization: White Bear Lake 916 Area Vocational-Technical Inst., Minn.
Funding Period: Start Date 1 May 76; End Date 30 Apr 77

The intent of this project is to produce a self-paced, audiovisual presentation emphasizing the business and office education occupational prepartaion programs available to students in Minnesota high schools and describe how these programs relate to postsecondary occupational programs. The audiovisual presentation is designed to increase high school students' awareness of opportunities to complete a postsecondary program after having enrolled and provide the students with information about the postsecondary program before they enroll.

SB002670 VTP-2572

PLATO (Programmed Logic for Automated Teaching Operations).
Project Director: Enz, Pat
Organization: Red Wing Area Vocational-Technical Inst., Minn.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will provide individualized, computer-assisted instruction to help students develop skills necessary to become efficient in an individual learning situation. The project will provide exercises for memorization, concept comprehension, and skills mastery; check for comprehension by requiring feedback; provide answers to inquiries; provide interaction through dialogue; permit experimentation with alternate solutions; and provide problem-solving experiences.

SB002671 VTP-2656

Minnesota Instructional Materials Center.
Project Director: Daly, J. Joseph
Organization: White Bear Lake 916 Area Vocational-Technical Inst., Minn.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

Objectives of this continuing project include maintaining and expanding an Instructional Materials/Media Resource Library; maintaining consultants and technicians to provide assistance with the design, development, use, evaluation, and dissemination of curriculum and instructional materials and media; and maintaining materials and media reproduction and dissemination capabilities whereby Minnesota's educational personnel can acquire materials and participate in the National Network for Curriculum Coordination in Vocational-Technical Education.

Fiscal Year 1977

SB002672 VTP-2572

PLATO (Programmed Logic for Automated Teaching Operations).
Project Director: Enz, Pat
Organization: Red Wing Area Vocational-Technical Inst., Minn.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will provide individualized, computer-assisted instruction to help students develop skills necessary to become efficient in an individual learning situation. The project will provide exercises for memorization, concept comprehension, and skills mastery; check for comprehension by requiring feedback; provide answers to inquiries; provide interaction through dialogue; permit experimentation with alternate solutions; and provide problem-solving experiences.

SB002673 VTP-2665

Minnesota Instructional Materials Center.
Project Director: Daly, J. Joseph
Organization: White Bear Lake 916 Area Vocational-Technical Inst., Minn.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 2-D-77

The objectives of this project are to (1) maintain and expand an Instructional Materials/Media Resource Library, (2) maintain a staff of consultants and technicians to provide assistance to the state's vocational education personnel, (3) maintain the center's materials/media reproduction and dissemination capabilities, and (4) serve as the state's operational link into the National Network for Curriculum Coordination in Vocational-Technical Education.

SB002674

Improvement of Advisory Committee Function.
Project Director: Rosenwinkel, Howard
Organization: Anoka-Hennepin Independent School District 11, Anoka, Minn.

Objectives of this project are to obtain and evaluate the Minnesota State School Board training package to determine if it might serve as a model for an advisory committee training package; identify potential steering committee members for the project and recruit specific members; and hold two meetings of the advisory committee to develop a rough draft of the developmental, implementation, and dissemination phases of the project.

SB002675

Women in Non-Traditional Vocational Education.
Project Director: Hyllested, Jane
Organization: Minnesota State Dept. of Education, St. Paul. Div. of Vocational-Technical Education.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77

The goals of this project are to identify those variables that tend to limit women's participation in nontraditional programs at area vocational and technical institutes and develop, implement, and evaluate materials and procedures to encourage their participation. Project objectives are to increase women's awareness of and knowledge about Minnesota's occupational training opportunities and provide women with information concerning available postsecondary vocational-technical training opportunities.

SB002676 VTP-2721

Resources and Procedures Applicable in Providing Placement Services in Secondary Cooperative Centers.
Project Director: Frederick, Donald A.
Organization: Southern Minnesota Cooperative Center, Wells.
Funding Period: Start Date 1 Aug 76; End Date 30 Jun 77

The goal of this project is to provide information and materials for placement and counseling services in secondary cooperative centers. Objectives are to develop a handbook for providing career-related counseling services applicable to secondary cooperative centers, develop a handbook for job placement coordinators in cooperative centers, and plan and conduct a refresher workshop for students entering full-time work following high school graduation.

SB002677

Proposal for the Elimination of Sex Bias and Sex Stereotyping in Vocational Education.
Project Director: Dunn, Ed
Organization: Red Wing Area Vocational-Technical Inst., Minn.
Funding Period: Start Date 15 Nov 76; End Date 30 Jun 77
Contract and/or Control No.: 6-D-77

Funding for this project will provide for payment of salaries, equipment rental, and purchase of materials and supplies.

SB002678 VTP-2370

The Implementation of a Student and Staff Chemical Dependency Assistance Program in Minnesota Area Vocational-Technical Institutes.
Project Director: Murphy, Herb
Organization: Anoka-Hennepin Independent School District 11, Anoka, Minn.
Funding Period: Start Date 1 Jan 76; End Date 31 Jan 77

The purpose of this project is to implement an adapted industrial program model in Minnesota Area Vocational-Technical Institutes (AVTI) using Anoka AVTI as a pilot test site. Objectives include determining the extent of the problem, program philosophy, procedures to carry out the philosophy, and the resources available; ascertaining the necessary community resources; implementing program components at the appropriate times; and transporting the program to other AVTI's.

SB002679

Red Wing Community Conference.
Organization: Red Wing Area Vocational-Technical Inst., Minn.
Funding Period: Start Date 1 Feb 77; End Date 30 Jun 77

This project is designed to acquaint men and women of the Red Wing Community with federal and state prohibitions against sex discrimination in education and employment and sensitize both men and women to the broad range of problems which may arise in conjunction with the changing role and status of women. The focus of the project will be a four-day workshop which will consist of a series of lectures, workshops, seminars, discussion groups, and media presentations.

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Fiscal Year 1971

SB002680 **VTP-381**

A Core Curriculum for Agriculture on All Levels of Education.
Project Director: Snowden, Obed L.
Organization: Mississippi State Univ., State College. Dept. of Agricultural Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objectives of this project are to determine and evaluate the individual training needs of persons who are working or preparing to work in agribusiness and natural resources occupations and determine and evaluate the skills and other competencies needed by these persons. Core courses, educational objectives, and innovative teaching techniques will be developed to successfully implement the curriculums.

SB002681 **VTP-382**

Development of a High School Curriculum for the Mentally Retarded.
Project Director: Plue, William V.
Organization: Southern Mississippi Univ., Hattiesburg. Dept of Special Education.
Funding Period: Start Date 1 Sep 71; End Date 28 Feb 73

The purpose of this project is to develop a workable curriculum that might be used in high school programs for the educable mentally retarded. The process will be to review current literature, collate past relevant literature, and put organized data into a workable guide. Provision is made for a pilot tryout period, reviewing, and printing a trial guide.

SB002682 **VTP-383**

Developing a Housing Education Curriculum For Tenants Who Move from Substandard Housing to Modern Rent Supplement or Public Housing Units.
Project Director: Crocker, Mary Wallace
Organization: Mississippi State Coll. for Women, Columbus.
Funding Period: Start Date 1 Jun 71; End Date 31 Aug 71

The purpose of the project is to develop an adult education curriculum for persons who have moved from substandard housing to government-sponsored housing. The objectives of the program are to identify the housing problems of low-rent housing tenants, conduct classes to teach the tenants about their new homes, and develop an adult education program that could be used with other rent-supplement tenants. The effectiveness of the program will be evaluated by visiting the tenants approximately one year after the classes.

SB002683 **VTP-351**

A Study of the Vocational-Technical Training Needs in Mississippi, by Junior College District.
Project Director: Williams, D. C., Jr.
Organization: Southern Mississippi Univ., Hattiesburg. Bureau of Business Research.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objective of the project is to create job opportunity projections per Junior College District as well as state-wide. Total employment will be projected by industry and converted to employment by major occupation through use of an industry occupation matrix ratio. The training needs of the occupation will be converted to demand for vocational and technical training by program.

SB002684 **VTP-350**

How Can Exploratory Experiences and Other Training Devices Be Used to Develop the Optimum Occupational Orientation Program for Mississippi?
Project Director: Culberson, James O.
Organization: Southern Mississippi Univ., Hattiesburg.
Funding Period: Start Date 1 Jun 71; End Date 31 May 72

This project proposes to systematically study the occupational orientation programs of those states which have made the most impact on the field. Findings from the study will be adapted to fit the needs of the state and will be related to instructional materials already available.

SB002685 **VTP-349**

Assisting Local Schools in Modifying Their Business Education Programs.
Project Director: Harwood, R. Frank
Organization: Mississippi Univ., University.
Funding Period: Start Date 1 Jun 71; End Date 31 May 72

The objectives of this study include providing administrators and personnel with the structures and procedures to update program relevance, develop new options in vocational education for students in grades 9-12, and provide better service to participating schools through a reduced dropout rate and a fuller use of existing resources. After the model system has been selected and an appropriate contract made, a project advisory committee will be formed.

SB002686

Factors Relating to Vocational and Technical Program Expansion and/or Change in the Copiah-Lincoln Junior College District.
Project Director: Creely, Charles P.
Organization: Copiah-Lincoln Junior Coll., Miss.

This project is designed to provide, through a consortial arrangement, a survey of high school students' educational plans and their interest in vocational and technical programs on the postsecondary level; provide, through a survey analysis, information concerning business and industry, types and numbers of occupations, and employment opportunities within the district; and use baseline data in the future expansion or redirection of postsecondary vocational and technical programs.

SB002687 **VTP-230**

A Program for Early Detection and Attitudinal Reorientation of Potential School Dropouts.
Project Director: Alcorn, John D.
Organization: Southern Mississippi Univ., Hattiesburg.
Funding Period: Start Date 1 Jun 71; End Date 31 May 72

This project will initiate a program to identify potential dropouts and effect attitudinal reorientation through various types of group procedures. This project will identify factors among previous dropouts which seemed crucial to their leaving school, use the revealed factors to identify a population of potential dropouts in the upper elementary grades, and provide several types of group experiences for these students.

SB002688 **VTP-231**

Implementing a Career-Centered Curriculum in the Public Schools of Mississippi.
Project Director: McMinn, J.
Organization: Mississippi State Board for Vocational Education, Jackson.

Funding Period: Start Date 1 Jun 71; End Date 30 Jun 72

The objectives of this project are to develop and implement a career education program as an integral part of the curriculum; incorporate into this curriculum a program of guidance, placement, and follow-up that will be available to all students in grades 1-12; provide inschool students with career education that will develop a saleable skill or prepare them to enter college; and establish a program of local planning and evaluation.

SB002689 **VTP-228**

Factors Related to the Coordination and Effectiveness of Occupational Education Programs.
Project Director: Pelham, John T.
Organization: Mississippi State Univ., State College. Social Science Research Center.
Funding Period: Start Date 1 Jun 71; End Date 31 May 72

This study will identify occupational education programs in the state and determine the degree to which they are coordinated with each other and with the needs of the labor market. Data will be gathered through interviews with state, regional, and local personnel involved in occupational education and through the analysis of printed materials, reports, and records. Questionnaires will be mailed to selected personnel and participants in the programs.

SB002690

Feasibility of Interagency Cooperation in Providing Welfare Recipients Employment Through Vocational Training.
Project Director: Taylor, W.T.
Organization: Pontotoc County Schools, Miss.

The purpose of this project is to determine the feasibility of interagency cooperation in providing welfare recipients employment through vocational training. Participants will be representatives from the Pontotoc County Welfare Department, State Department of Vocational Education, Mississippi Employment Security Commission, and Pontotoc County Schools. Following a screening of over one hundred Aid to Dependent Children mothers, approximately twenty will be chosen to take part in the job training project.

Fiscal Year 1972

SB002691

Career Education in the Leflore County Schools.
Organization: Leflore County School District, Greenwood, Miss.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The aim of this project is to provide students with sufficient occupational awareness and exploratory experiences to help them make sound career decisions, help students make career preparations in accordance with these decisions, and aid students to enter and advance in chosen careers. The procedures will include establishing comprehensive, career-centered activities for grades 1-12 in the school system.

SB002692

Greenwood Career Project.
Project Director: Dribben, W.B.
Organization: Greenwood Municipal Separate School District, Miss.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73

The objectives of this project are to (1) develop and implement a career education program as an integral part of the curriculum in Davis Elementary School, (2) provide grades 1-4 with a career awareness program, (3) provide grades 5-8 with an exposure to career development and the building of self-concepts, and (4) provide a material resource center for career exploration in the learning lab.

SB002693

A Study to Identify the Influence of Factors Other Than the Attainment of Job Skills Affecting the Long Range Success of Vocational and Technical Training Programs.
Project Director: Welker, L. Conrad, Jr.
Organization: University of Southern Mississipi, Hattiesburg.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73

This project will attempt to determine the stated differential training needs of high school students in the Mississippi Gulf Coast Junior College District as those needs apply to postsecondary vocational education. Public senior high school students, grades 10-12, will be surveyed by junior college counselors to determine their perceived training needs. Information will be electronically collated and arranged to construct a representative picture of these training needs.

SB002694

Differential Training Needs of Area High School Students Relating to Vocational Education.
Project Director: Brauchle, Paul E.
Organization: Mississippi Gulf Coast Junior Coll., Perkinston.
Funding Period: Start Date 15 Sep 72; End Date 30 Mar 73

Funds for this project will be used to meet differential training needs of area high school students in vocational education.

SB002695

A Study of the Utilization and Dissemination of Materials Produced by the Curriculum Coordinating Unit and Curriculum Research Unit as Perceived by the Secondary and Post Secondary Vocational Personnel in the Vocational Complexes of Mississippi.
Project Director: Guinn, Clyde N.

Descriptive information unavailable.

SB002696

A Study of the Manpower Needs of the Industries in the Area Served by Utica Junior College - A Projection of Their Needs for the Next Decade with Implications for Reformation Within the Voc-Tech Curriculum at Utica Junior College.
Project Director: Haynes, Worth E.
Organization: Utica Junior Coll., Miss.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73

The objectives of this project are to determine the manpower requirements of the labor market, determine the educational needs of the people served, determine the educational resources needed to prepare individuals for their careers, analyze educational products, and use the information from this study to develop and implement a learner-centered curriculum.

SB002697

Assessment of Vocational Teacher Education in Mississippi.
Project Director: Shill, James F.
Organization: Mississippi State Univ., State College.
Funding Period: Start Date 1 Oct 72; End Date 30 Jun 73

The purpose of this project is to assess teacher education activities (both preservice and inservice) as reflected in teacher employment performance and attitudes. The procedures will involve developing instruments to assess teacher education activities in relation to teacher employment performance requirements. All teachers, local and state administrators, and teacher educators will assess inservice teacher education activities.

SB002698

A Study of the Manpower Needs of the Industries in the Area Served by North East Junior College-A Projection of Their Needs for the Next Decade with Implications for Reformations Within the Vocational-Technical Curriculum at North East Junior College.
Organization: North East Junior Coll., Miss.

Descriptive information unavailable.

SB002699

Implementing a Career-Centered Curriculum in the Public Schools of Mississippi.
Project Director: Morris, James K.
Organization: Mississippi State Board for Vocational Education, Jackson.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73

The goal of this project is to provide all students in grades 1-12 a curriculum which will meet their career development needs. The structure of the Career-Centered Curriculum will be divided into sequential stages: awareness, exploration, preparation, and continuing education. These stages will begin with a broad career focus and gradually narrow to more intensified study of specific areas.

SB002700

Implementation of a Career-Centered Curriculum for Grades 1-12.
Organization: Mississippi State Board of Vocational Education, Jackson.

The purpose of this project is to implement a career-centered curriculum for grades 1-12. The curriculum will be characterized by the use of (1) guidance principles implemented within the classroom through a fused curriculum; (2) measureable student objectives; (3) pretests, posttests, and student surveys to determine efficacy of the varied classroom techniques and innovations; (4) evaluative procedures for progress determination; and (5) flexibility to allow for change.

Fiscal Year 1973

SB002701

The Identification of Social Skills Needed in specific Vocational and Technical Areas and Possible Instructional Approaches Applicable to Such Needs.
Project Director: Wilkins, L. Conrad
Organization: University of Southern Mississippi, Hattiesburg.
Funding Period: Start Date 1 Jun 73; End Date 30 Jun 74

The purpose of this project is to identify those social skills that instructors agree are needed by persons entering particular vocations and to provide one or more techniques that have been found workable with similar clients for developing or encouraging each skill. Interviews and reviews of instructional literature will be employed as primary techniques in collecting the data.

SB002702

The Impact of Institutional Manpower Development and Training Act Programs On Vocational and Technical Education in Mississippi.
Project Director: Karnes, M. Ray
Organization: University of Southern Mississippi, Hattiesburg.
Funding Period: Start Date 1 May 73; End Date 30 Jun 74

This project proposes to determine the nature and extent of any impact that has been made by institutional Manpower Development and Training Act programs on the entire spectrum of vocational and technical education. The structured interview technique will be used to gather data, which will be summarized by nature and location.

SB002703

Development of a Comprehensive Program of Vocational-Technical and Adult Education.
Project Director: Sneed, Billy R.
Organization: Itawamba Junior Coll., Fulton, Miss.
Funding Period: Start Date 1 Oct 73; End Date 30 Jun 74

The purpose of this project is to gather, process, and use data related to vocational and technical programs to plan a comprehensive program–Vocational-Technical and Adult Education for the College. Findings from this study will be used to determine needs and priorities in offering, staffing, and providing facilities for vocational and technical programs.

Fiscal Year 1974

SB002704

Vocational Reading Development Program.
Project Director: Karnes, Frances A.
Organization: University of Southern Mississippi, Hattiesburg.

The purpose of this project is to improve the quality of the reading development program at the postsecondary level, particularly in the junior college setting. Questionnaires will be sent to twenty-four selected reading teachers from selected junior colleges in the state. Data will be summarized and a final report written.

SB002705

Implementation of a Career-Oriented Curriculum for Grades 1-12.
Organization: Louisville Public Schools, Miss.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purpose of this project is to establish comprehensive, career-oriented activities for grades 1-12 in the school system. The intent is to provide students with sufficient occupational awareness and exploratory experience to allow them to make sound career decisions, make career preparations in accordance with these decisions, and enter and advance in chosen careers.

SB002706

Curriculum Development Research (Research and Curriculum Unit).
Project Director: Wall, James E.
Organization: Mississippi State Univ., Jackson.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The focus of this project is on research and curriculum development in vocational and technical education. Research activities will include coordination, stimulation, implementation, and dissemination. All phases of the curriculum development process (establishing priorities, gathering materials, reviewing materials, organizing materials, compiling and editing, authentication, duplication, diffusion, evaluation, and revisions) will be in operation.

Fiscal Year 1975

SB002707

Vocational Technical Consortium of States Project (V-TECS).
Organization: Mississippi State Univ., State College.

The purpose of this project is develop and produce performance objectives and criterion-referenced measures in occupational education through the Vocational-Technical Education Consortium of States (V-TECS). Among the activities to be undertaken by member states will be developing agreed-upon catalogs of performance objectives and criterion-referenced measures, developing and implementing a comprehensive plan of preservice and inservice teacher training, and developing a dissemination plan.

SB002708

Vocational Developmental Reading Program.
Project Director: Karnes, Frances A.
Organization: University of Southern Mississippi, Hattiesburg.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 76

This project aims to determine the reading grade levels of students enrolled in vocational and technical courses in postsecondary institutions in the state and to determine the reading levels of textbooks used in such programs. Postsecondary teachers will be surveyed to determine the ways in which they handle reading problems in their courses.

SB002709

Implementation of a Career-Oriented Curriculum for Grades 1-12.
Project Director: Dulin, James T.
Organization: Winona Municipal Separate School District, Miss.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purpose of this project is to assist students in their career development. All teachers will relate career development concepts and objectives to their courses of study by using career information and materials. Special classes will be conducted to provide concentrated investigation of the world of work.

SB002710

Implementation of a Career-Oriented Curriculum for Grades 1-12.
Project Director: Saterfiel, Thomas W.
Organization: Louisville Municipal Separate School District, Miss.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purpose of this project is to implement and operate a career education program for the Louisville Public Schools. Additional personnel will be added to the staff and occupational orientation teachers will assist other teachers in fusing career activities into the curriculum at all levels. Basic subjects in the elementary and junior high school years will become vehicles for expanding career awareness.

SB002711

Implementation of a Career-Oriented Curriculum for Grades 1-12.
Project Director: Prince, Julian
Organization: McComb Municipal Separate School District, Miss.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of this project is to implement and operate a career education program in the McComb Public Schools. Three additional staff members and a secretary will be added to the system to help incorporate career concepts into normal teaching methods. Inservice training and regularly scheduled meetings will be held to help individual teachers.

Fiscal Year 1976 - No Projects Reported

Fiscal Year 1977

SB002712

A Management Information System for Vocational Education.
Organization: University of Southern Mississippi, Hattiesburg. Research and Human Development.

Staff will investigate three areas of management information that are important to successful decision making in vocational education programs and develop systems to assist in determining appropriate future action. Other objectives include studying awareness by prospective students of vocational programs, developing a more comprehensive awareness program, and determining the relationship between prospective employees and vocational programs.

SB002713

An Evaluation of the V-TECS Curriculum in Mississippi.
Organization: Mississippi Univ., University. Bureau of Education Research.

The purpose of this study is to evaluate the utility and appropriateness of the V-TECS curriculum materials used by vocational and technical instructors in Mississippi. Interviewers will interview 62 program directors and 215 faculty members from both secondary schools and junior colleges. Data will be coded, tabulated, and computer analyzed.

SB002714

Development of a Model Research and Development Information Dissemination Program for the Vocational Technical Division.
Organization: Mississippi State Univ., State College.

The purpose of this research and model development project is to devise and implement a model for disseminating vocational education information which uses a multilevel approach to transporting research products to the user. Activities will include reviewing all research projects funded through the vocational division each fiscal year, reorganizing the research and curriculum information and materials library, and establishing an indexed library and filing system.

Part D

Fiscal Year 1970

SB002715

Career-Centered Curriculum for the Vocational Complexes in Mississippi.
Project Director: McMinn, J. H.
Organization: Mississippi State Board for Vocational Education, Jackson.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73
Contract and/or Control No.: 0-361-0067

The objectives of this project are to (1) establish structural relationships which will facilitate implementation of the Mississippi Occupational Orientation Program in at least one vocational complex and in grades 7-12 in each of the attendance centers of the school system; (2) establish relationships with local businesses to provide cooperative education to students; (3) provide entry-level skill training; and (4) provide a guidance counseling and placement component.

Fiscal Year 1971

SB002716

Career-Centered Curriculum for the Vocational Complexes in Mississippi.
Project Director: McMinn, J. H.
Organization: Mississippi State Board for Vocational Education, Jackson.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73
Contract and/or Control No.: 0-361-0067

The objectives of this project are to (1) establish structural relationships which will facilitate implementation of the Mississippi Occupational Orientation Program in at least one vocational complex and in grades 7-12 in each of the attendance centers of the school system; (2) establish relationships with local businesses to provide cooperative education to students; (3) provide entry-level skill training; and (4) provide a guidance counseling and placement component.

Fiscal Year 1972

SB002717

Career-Centered Curriculum for the Vocational Complexes in Mississippi.
Project Director: McMinn, J. H.
Organization: Mississippi State Board for Vocational Education, Jackson.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73
Contract and/or Control No.: 0-361-0067

The objectives of this project are to (1) establish structural relationships which will facilitate implementation of the Mississippi Occupational Orientation Program in at least one vocational complex and in grades 7-12 in each of the attendance centers of the school system; (2) establish relationships with local businesses to provide cooperative education to students; (3) provide entry-level skill training; and (4) provide a guidance counseling and placement component.

Fiscal Year 1973

SB002718

A Career Education Project on the Mississippi Gulf Coast.
Project Director: McMinn, J.H.
Organization: Mississippi State Board for Vocational Education, Jackson.
Funding Period: Start Date 1 Mar 73; End Date 31 Aug 74

The goal of this project is to produce students with sufficient occupational awareness and exploratory experiences to enable them to make sound career decisions, make career preparations in accordance with these decisions, and enter into and advance in chosen careers. To accomplish this objective, comprehensive, career-centered activities for grades 1-12 will be established in the district.

SB002719

Greenwood Career Project.
Project Director: Dribben, W.B.
Organization: Greenwood Municipal Separate School District, Miss.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73

The objectives of this project are to (1) develop and implement a career education program as an integral part of the curriculum in Davis Elementary School, (2) provide grades 1-4 with a career awareness program, (3) provide grades 5-8 with an exposure to career development and the building of self-concepts, and (4) provide a material resource center for career exploration in the learning lab.

Fiscal Year 1974 - No Projects Reported

Fiscal Year 1975

SB002720

Career Orientation for High School Student Leaders in Agricultural Occupations.
Project Director: Brown, Ronald A.
Organization: Mississippi State Univ., State College. Dept. of Agricultural and Extension Education.
Funding Period: Start Date 1 Jun 75; End Date 30 Jun 76
Contract and/or Control No.: V-D-75-SB

This project is designed to increase the knowledge and awareness of high school students regarding careers in agriculture. Junior and senior high school student leaders who have shown an interest in agricultural occupations will be selected to participate in a variety of activities which are focused on career opportunities in agriculture. Students will also be informed of the prerequisites for such careers.

SB002721

A Career Education Project on the Mississippi Gulf Coast.
Project Director: McMinn, J.H.
Organization: Mississippi State Board for Vocational Education, Jackson.

The goal of this project is to produce students with sufficient occupational awareness and exploratory experiences to enable them to make sound career decisions, make career preparations in accordance with these decisions, and enter into and advance in chosen careers. To accomplish this objective, comprehensive, career-centered activities for grades 1-12 will be established in the district.

SB002722

An Urban Career Education Project in the Mississippi Delta.
Project Director: McMinn, J.H.
Organization: Mississippi State Board for Vocational Education, Jackson.
Funding Period: Start Date 1 Jun 73; End Date 31 May 76

The purpose of this project is to provide continuing services and instruction beginning in grade one and ending with satisfactory employment or entry into postsecondary education. Students and teachers will be served through workshops, seminars, field trips, and counseling. Program components will include guidance and counseling, elementary awareness, junior high exploration, job preparation, and placement activities.

Fiscal Year 1976

SB002723

Individualizing the Instruction of the Intensive Business Training Program.
Project Director: McCormick, John G.
Organization: Pascagoula Municipal Separate School Districts, Miss.

Completely individualizing the instructional program in intensive business training is the purpose of this project. Commercially prepared, individualized instructional material which has been validated will be purchased. Individualized packages of instruction for offset duplication, automatic typewriting, and the few types of calculators not covered by the commercially prepared systems will be developed locally. Pretests will be given the students to determine their skill levels in various office areas.

Fiscal Year 1977

SB002724

Continuation of Career Preparation Programs for Potential Agribusinessmen, Agricultural Instructors.
Organization: Mississippi State Univ., State College.

This project is designed to increase the knowledge and awareness of high school students regarding careers in agriculture. Junior and senior high school student leaders who have shown an interest in agricultural occupations will be selected to participate in a variety of activities which are focused on career opportunities in agriculture. Students will also be informed of the prerequisites for such careers.

SB002725

Individualizing the Instruction of the Intensive Business Training Program.
Project Director: McCormick, John G.
Organization: Pascagoula Municipal Separate School Districts, Miss.

Completely individualizing the instructional program in intensive business training is the purpose of this project. Commercially prepared, individualized instructional material which has been validated will be purchased. Individualized packages of instruction for offset duplication, automatic typewriting, and the few types of calculators not covered by the commercially prepared systems will be developed locally. Pretests will be given the students to determine their skill levels in various office areas.

SB002726

Exemplary Prevocational Programs for Educable Mentally Retarded in Mississippi.
Project Director: Shill, James F.
Organization: Mississippi State Univ., State College.
Funding Period: Start Date 1 Jan 77; End Date 30 Sep 77
Contract and/or Control No.: V-D-77-SB-5

Objectives of the project include utilizing a steering committee for project planning, review, and evaluation; selecting instructional components from regular vocational curricula for adaption into programs for EMRs; providing inservice programs for local personnel in exemplary programs for EMRs; evaluating the effectiveness of the exemplary programs; and reviewing and revising the materials and programs as necessary.

SB002727

Residential Electrical Wiring - Performance Based Instructional Materials.
Project Director: Newby, Howard L.
Organization: Mississippi State Univ., State College.
Funding Period: Start Date 1 May 77; End Date 30 Sep 77
Contract and/or Control No.: D-77-5

The objectives of the project are to identify and select current industrial practices, adapt or develop curriculum materials in areas which specifically apply to residential wiring, implement the curriculum materials into selected demonstration programs, and disseminate the exemplary program materials and findings. A three-day workshop will be conducted to develop materials, and a one-day inservice meeting will be held to explain implementation and evaluation procedures.

MISSOURI

Part C

Fiscal Year 1971

SB002728 **VTP-288**

Employer-School Cooperation in Placement of Vocational Special Education Pupils.
Organization: Farmington R-VII School District, Mo.
Funding Period: Start Date 1 Apr 71; End Date 31 Jul 71

This project plans to make the special education program a full-time program for the coming year with the goals of vocational preparation, job placement, and follow-up. An evaluation of students in the program and a publicity program will be conducted. The future potential expansion limits of the program and future job stations will be determined.

SB002729

Setting up a Program in Vocational Business Education.
Organization: Blair Oaks High School, Jefferson City, Mo.
Funding Period: Start Date 1 May 71; End Date 30 Jun 71

To set up the most effective program in vocational business and office education, this project intends to determine the general nature of jobs available to graduating students, determine the types of office jobs students are interested in and the skills and knowledge required to perform these jobs, and determine the occupational interests of parents and how their interests compare with student interests. Questionnaires will be distributed to local businesses and students. Results will then be compared to parent occupational interest data taken from existing files.

SB002730 **VTP-289**

A Study to Determine if There is Sufficient Need for a Two-Year Technical Program to Train a Computer Technician.
Project Director: Quier, George T.
Organization: Northwest Missouri State Coll., Maryville.
Funding Period: Start Date 24 Mar 71; End Date 11 Oct 71

The aims of this study are to measure employment potential in the area for persons completing a two-year program in computer science and determine if there are enough persons to establish the training. A random sampling of schools which provide training in computer science will be selected, and the population of firms in commercial data reduction and processing will be identified. A survey will be mailed to high school students. An analysis of the proposed course of study will be submitted and modified.

SB002731 **VTP-290**

Determination of Current and Projected Employment Needs in Electronic Data Processing Occupations in the Metropolitan St. Louis Area.
Project Director: Ritchey, Mildred V.
Organization: Riverview Gardens School District, St. Louis, Mo.
Funding Period: Start Date 26 Jan 71; End Date 31 May 71

This project will determine employment needs in data processing positions relative to the total employment, spanning a five year period. A questionnaire sent to managers of data processing departments will provide the necessary data. A stratified random sampling procedure will be applied to select 100 companies to be representative of the population.

SB002732

What are the Attitudes of the Residents of the Shelby County R-IV School System Regarding the Place of Vocational Education in the School's Curriculum?
Project Director: Nevins, James R.
Organization: Shelby County School District R-IV, Shelbina, Mo.
Funding Period: Start Date 29 Mar 71; End Date 21 May 71

The purposes of this project are to determine the attitudes of the Shelby County R-IV School District residents regarding vocational education and to make curriculum changes if necessary. A questionnaire sent to a sample 1100 residents will include questions concerning the value of the present curriculum, classes to be added or dropped, types of adult instruction needed, future plans of students surveyed, and opinions concerning the source of funding for expanded vocational programs.

SB002733 **VTP-287**

Community Survey of Occupations.
Project Director: Gilbert, Gary K.
Organization: Cape Girardeau Public Schools, Mo.
Funding Period: Start Date 1 Jan 71; End Date 1 May 71

The aims of this project are to determine the number of people in the community currently employed and their occupational classifications, the number of employees needed in each occupational family, and the need and areas for supplemental training. An attempt will be made to survey all establishments and occupations having one or more employees.

SB002734

Vocational Development of Children.
Project Director: Fulton, Barbara J.
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 15 Mar 71; End Date 31 Aug 71
Contract and/or Control No.: 2021

The objective of this study is to investigate how children, preschool through fifth grade, perceive selected characteristics of the work world including job titles, job activities, training and education required, and socioeconomic status. By giving the Occupational Development Battery for Children to students in various grade levels, this project will determine which occupations students are aware of, what they know about these occupations, when they acquire this knowledge, and in what order the occupational concepts are learned.

SB002735 **VTP-284**

Manpower Projections for the Four-County Area Which Forms the Junior College District of Missouri Southern College.
Project Director: Adams, Roger E.
Organization: Missouri Southern Coll., Joplin.
Funding Period: Start Date 1 Feb 71; End Date 31 Dec 71

The objectives of this manpower assessment are to ascertain the demand of each occupation for new workers, to find the number of persons trained in each of the occupations and the number who leave, and to update current information on vocational and technical education. A questionnaire has been developed to sample the business and industrial communities. The responses will be tabulated, and an analysis of the final printout information will be used to predict the needs.

SB002736 **VTP-283**

A Study to Determine if There is Sufficient Need to Warrant the Establishment of a Two-Year Technical Program to Train Commercial Artists.
Project Director: Quier, George T.
Organization: Northwest Missouri State Coll., Maryville.
Funding Period: Start Date 24 Apr 71; End Date 24 Jan 72

The objectives of this manpower assessment are to determine if a proposed two-year course of study in the field of commercial art is attuned to the needs of industry, measure employment potential in the area for persons completing such a program, and determine if there is a sufficient number of potential trainees in the area. A random sampling of schools providing training in commercial art will be selected. A survey instrument will be mailed to high school students to obtain data for the program's design.

SB002737 **VTP-282**

Personality Need Patterns for Use in Vocational Education.
Project Director: Walker, Karen L.
Organization: Missouri Univ., St. Louis. Counseling Service.
Funding Period: Start Date 1 Jun 71; End Date 31 Dec 71

The Edwards Personal Preference Schedule (EPPS) is a test designed to measure the manifest needs of an individual. The objective of this study is to begin to determine a personality-need pattern for nonprofessional careers. Through contacting occupational organizations, a sample of fifty to seventy-five subjects will be drawn. Subjects will be requested to take the EPPS and fill out questionnaires concerning their backgrounds.

SB002738 **VTP-281**

Secondary Education--Preparation for Vocations, Careers, College.
Project Director: Webb, Roger A.
Organization: Pattonville R-3 School District, Maryland Heights, Mo.
Funding Period: Start Date 14 Jun 71; End Date 2 Jul 71

The objective of this project is to define vocational education in terms that may assist all teachers in understanding that almost all classroom activity may be directed toward developing a vocational competence concomitant with the traditional concept of a specific skill development. Data will be collected, employers who employ out-of-school youth will be interviewed, and a report will be written.

SB002739 **VTP-499**

A Demonstration Project of Job Placement, Program Promotion, and Development Services for Postsecondary Agri-Business Career Programs in Missouri Community Colleges.
Project Director: Fielding, Marvin R.
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 1 Sep 71; End Date 31 Aug 72

The aim of this project is to determine whether or not a statewide job placement and industry contact program will eliminate the necessity of each school's contacting the major employers in the state, conserve instuctor time, result in each institution improving its job placement services to agribusiness graduates, and provide institutions with information that would be useful for program planning and evaluation.

SB002740 **VTP-498**

Occupational Education for High School Age Population in Southwest Missouri.
Project Director: Sherrell, Eugene G.
Organization: Southwest Missouri State Coll., Springfield. Dept. of Industrial Education.
Funding Period: Start Date 30 Jun 71; End Date 30 Jun 72

The goal of this project is to examine the recruitment practices for vocational education in selected schools and analyze the effect of recruitment in meeting the occupational needs of the high school population. The school districts which can or do participate in the occupational education programs will be determined. To collect data needed for the study, an instrument will be constructed which will be used in the structured interviews.

SB002741 **VTP-511**

Cost-Effectiveness Analysis of Postsecondary Vocational-Technical Education in Missouri Public Schools.
Project Director: Osburn, Donald D.
Organization: Missouri Univ., Columbia. Dept. of Practical Arts and Vocational-Technical Education.
Funding Period: Start Date 1 Sep 71; End Date 1 Sep 72

The objectives of this study are to determine the cost-effectiveness of public postsecondary vocational and technical education and to determine the factors affecting earnings of selected graduates for the purpose of identifying added benefits associated with public postsecondary training. High school graduates will provide the bench mark or control group.

SB002742 **VTP-496**

Research for the Possibilities of a Mobile Vocational Program for Northeast Missouri Counties.
Project Director: Nagel, Roland
Organization: Northeast Missouri State Coll., Kirksville.
Funding Period: Start Date 1 Aug 71; 31 Jul 72

This project seeks to determine vocational needs of selected counties, the feasibility of mobile laboratory units to provide vocational education, a cost analysis of the facilities and equipment, and whether the facilities will assist the potential dropout. A community survey, a survey of junior and senior students, and a follow-up of selected graduates will be conducted and tabulated.

SB002743 **VTP-510**

Techniques and Equipment for Maximizing Vocational Instruction in Electricity in Secondary School Systems.
Project Director: McFate, Kenneth L.
Organization: Missouri Univ., Columbia. Dept. of Agricultural Engineering.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The goal of this project is to determine the most effective, efficient methods and techniques for teaching electrical principles and fundamental applications at the vocational or high school level. Through a mail survey and personal interview, all vocational-agriculture departments will be surveyed to determine what has been, what is being, and what should be done in teaching electricity in secondary schools with presently available equipment.

SB002744 **VTP-544**

Selection of Vocational Students to Improve Probability of Success.
Project Director: Deaton, Larry F.
Organization: Fort Osage Public School District 2, Independence, Mo.

The aim of this study is to find the correlation between teacher expectation and student readiness for the vocational technical program. Letters will be mailed to schools checking information regarding selection of students for the vocational and technical program. The successful seniors will be tested and retested. A questionnaire will be sent to teachers asking their acceptance levels in the various departments.

SB002745 **VTP-501**

Identification at the Elementary Level of Potential Drop-Outs on the Assumption That There Will be Sufficient Numbers to Justify Inclusion of Additional Vocational Programs in Our Curriculum.
Project Director: Jones, Gay
Organization: Reeds Spring Public Schools, Mo.
Funding Period: Start Date 1 May 71; End Date 30 Nov 71

The goal of this project is to identify the number of students who come from split households; are transient or transfer students; require clinic referral for health, academic, or emotional problems; and have at least average IQ's. A form will be distributed to teachers during a faculty meeting. Data will be collected from these forms, files, and tests and will be analyzed to form conclusions and a final report.

SB002746 **VTP-493**

Feasibility of One-Year (Post-Secondary) Drafting Program.

Project Director: Hall, Ben
Organization: Saint Louis Junior Coll. District, Mo.
Funding Period: Start Date 1 Jul 71; End Date 31 Aug 71

This feasibility study seeks to determine community needs in terms of job availability and the supply of potential students in a graphic arts program to design a program where a student may continue with a two-year technical program. A proposal for a one-year "drafting program" will be developed. A survey of local secondary schools will determine the degree of occupational interest and availability of students for a program, and a survey of local industry will determine the potential market for program graduates.

SB002747 **VTP-492**

Case Studies of Utilization of Graduate Technicians in Industry.
Project Director: Schallert, W. F.
Organization: Saint Louis Junior Coll. District, Mo.
Funding Period: Start Date 1 Jul 71; End Date 1 Aug 71

To promote employment opportunities for technicians graduating from a two-year postsecondary institution, this project will provide industry with case studies or presentations from companies which have utilized the associate degree technician effectively. This will provide background for practicing engineers and management on how they can utilize technicians. A selected list of twenty-five companies employing graduate technicians will be contacted.

SB002748 **VTP-491**

Structural Presentation to Interest Students in Civil Engineering Technology.
Project Director: Smith, Ken
Organization: Saint Louis Junior Coll. District, Mo.
Funding Period: Start Date 1 Jul 71; End Date 31 Aug 71

The objective of this project is to interest youth in careers as civil engineering technicians by presenting the topic of structural truss analysis at a level suitable for high school students and youth organizations. The text for the presentation and an accompanying demonstration set will be prepared.

SB002749 **VTP-494**

Challenge Tests for Instructional Units of First Semester Nursing Course in Associate Degree Curriculum.
Project Director: Kretzer, Marion
Organization: Saint Louis Junior Coll. District, Mo.
Funding Period: Start Date 2 Aug 71; End Date 1 Sep 71

In an effort to begin the "Ladder Concept," tests will be developed that will allow qualified individuals to register in the first semester nursing course. Each instructional unit will be reviewed, and critical knowledge contained in each unit will be determined. Challenge tests covering the critical knowledge and technical nursing skills will be written.

SB002750 **VTP-490**

A Study of the Effectiveness of a Planned Occupational Informational Program on the Formation of More Realistic Occupational Concepts by Junior High School Students.
Project Director: Weissman, Alfred N.
Organization: Saint Louis County Special School District Board of Education, Rock Hill, Mo.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

In an effort to deal with the problem of providing occupational information, this project will provide the types of experiential learning which will enable selected junior high school students to participate in developing occupational concepts. Procedures include testing random and control groups to determine students' occupational concepts, scheduling speakers, and developing a resource center of materials.

SB002751

Sound/Slide Instruction for the Operation of the Conventional Lathe.
Project Director: Shady, Ron L.
Organization: Saint Louis Junior Coll. District, Mo.
Contract and/or Control No.: 2097

To provide individualized instruction to students in large manufacturing processes classes, this project will develop a sound/slide program demonstrating and teaching the operation of the conventional lathe. The project objectives include assisting the instructor in presenting information concerning the safety and operation of the lathe in a manner that allows self-study and review without instructor aid and developing a study guide and written examination.

SB002752

Development of an Individualized Instruction Plan for Electric Circuits I.
Project Director: Rehg, James
Organization: Saint Louis Community Coll. at Forest Park., Mo.

Individualized, computer-generated problems will be incorporated into existing vocational accounting courses taught at State Fair Community College as a result of this project. Specific problems will be selected for each specialized accounting class offered in the various postsecondary programs and used for both primary and remedial presentations. A meeting of instructors, student assistants, and the developer of the computer-generated problems will be held to develop materials and cross reference the problems with locally used texts.

SB002753

Selection of Design of a Placement Examination for Entering Freshmen Interested in Mechanical Engineering Technology or Pre-Engineering.
Project Director: Miller, Daniel
Organization: Saint Louis Community Coll. at Forest Park, Mo.
Contract and/or Control No.: 2100

This study will be conducted to determine if any specific tests are being used to help in selecting and placing pre-engineering and mechanical engineering technology students and to select or design a test to meet Forest Park Community College's requirement for predicting the success of entering students. A questionnaire will be mailed to 127 postsecondary schools and community colleges requesting information on methods of student selection.

SB002754

Sound/Slide Individual Instruction in the Use of the Slide Rule.
Project Director: Craig, Jerry W.
Organization: Saint Louis Community Coll. at Forest Park, Mo.
Contract and/or Control No.: 2101

The purpose of this project is to develop synchronized sound and color slides for instruction in how to use a slide rule. The slides will be designed for classroom or individual instruction and will use close-up pictures of the markings on the slide rule scales. Step-by-step pictures of the manipulations will be presented.

SB002755

A Program of Studies and Service Conducive to the Retention of Vocationally Oriented Students.
Project Director: Sims, Lee T.
Organization: Morgan County R-2 Schools, Versailles, Mo.
Contract and/or Control No.: 2103

To reduce the increasing number of dropouts, this project proposes to develop a dropout prevention program and to provide vocational training to help potential dropouts function satisfactorily in society. The objectives include identifying the characteristics of the potential dropout, major reasons for their dropping out, and curriculum changes and services which may help keep these students in school.

SB002756

Survey Needs For Adult Education Through the Vocational Agriculture Program in the Lexington School District.
Project Director: Case, Larry D.
Organization: Lexington R-V School District, Mo.
Contract and/or Control No.: 2016

The purpose of this project is to determine the need for services to the adults of the rural community. Those adults will be surveyed to determine the number who would participate in an adult education program in agriculture and the extent of the needs of these participants.

SB002757

Project Second Chance: A Study to Determine Comprehensive Adult Educational Needs in the Area Served by Mineral Area College, The Lead Belt Area Vocational Technical School and the Proposed Arcadia Valley Vocational Technical School.

Project Director: Rumburg, W. S.
Organization: Mineral Area Coll., Flat River, Mo.
Contract and/or Control No.: 1040

The purpose of this project is to determine the perceived educational needs of adults residing in St. Francois, Ste. Genevieve, Madison, Iron, and Washington Counties as seen by a small random sample of residents, a panel of experts including educators and professionals, and by all employers. Data collected by project interviewers and correlated with information collected from existing studies, census reports, and other agencies will be used to determine the ways the community can most efficiently and effectively plan and implement adult education programs.

SB002758

Early Intervention in 9th Grade Student Career Development Crises.
Project Director: Sacks, Raymond J.
Organization: Saint Louis Public Schools, Mo.
Funding Period: Start Date 15 Jul 71; End Date 14 Jul 72
Contract and/or Control No.: 1014

The intent of this project is to develop procedures in the ongoing Vocational Education Opportunities (VEO) program to assist severely disappointed students in determining needs and interests and assist them in developing a systematic career plan. The project objectives include identifying ninth grade students enrolled in the VEO project who are misplaced in their current career education programs, referring these students to the Career Development Center for assistance in self-appraisal, and providing these students with occupational and educational information.

SB002759

Effects on Attitudes and Knowledge of Vocational Administrators Exposed to Management Techniques.
Project Director: King, Franklin J.
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 1 Jun 72; End Date 30 Jun 73
Contract and/or Control No.: 1047

The goal of this project is to develop a program to provide an opportunity for area vocational school administrators to receive instruction using selected management techniques to increase their knowledge of and change their attitudes toward management. Procedures include surveying vocational directors, superintendents, state vocational department heads, and training institutions to identify the most desirable competencies and attitudes of vocational directors and developing learning goals and activities based on identified competencies and attitudes.

SB002760

A Study of Missouri Farm Accidents--Causes, Costs and Possible Prevention.
Project Director: Linhardt, R. E.
Organization: Missouri Univ., Columbia.
Contract and/or Control No.: 1054

The purpose of this study is to determine the extent of major fatal and non-fatal accidents on Missouri farms. Project objectives are to (1) obtain statistical data regarding all farm accidents in Missouri; (2) identify accidents with type of farm, worker, and exposure time; (3) evaluate financial cost of accidents; and (4) provide a benchmark study showing accident types, frequency, severity, causes and costs for use in educational programs.

SB002761

Student Oriented Industrial Firm (A Feasibility Study).
Project Director: Stephens, Robert L.
Organization: Northeast Missouri State Coll., Kirksville.
Contract and/or Control No.: 1056

This project is designed to study the feasibility of a student-oriented industrial firm which will provide occupational and career guidance and experiences to disadvantaged or otherwise handicapped youth of a specific school community, analyze and explore community resources for development and maintenance of such a firm, and develop a model for a pilot program.

SB002762

Color Perception as a Correlate of Success in Vocational Education.
Organization: Drury Coll., Springfield, Mo.
Funding Period: Start Date 1 Sep 71; End Date 30 Sep 72
Contract and/or Control No.: 2022

The goal of this project is to determine the effect of color perception on success in programs in electronics, electricity, and television repair at the Williard J. Graff Vocational Technical Center. The Farnsworth-Munsell 100-Hue Test for Color Discrimination and the Differential Aptitude Tests of Abstract Reasoning, Mechanical Comprehension, and Spatial Reasoning will be administered to students enrolled in the programs. Success scores will be calculated by correlating test scores with student grade point averages.

SB002763

Environmental Technicians, a Feasibility Study in Need and Curriculum.
Project Director: Padberg, Walter E.
Organization: Linn Technical Coll., Mo.
Funding Period: Start Date 22 Dec 71; End Date 1 Jul 72
Contract and/or Control No.: 2053

The objectives of this project are to determine (1) the market for environmental technicians in Missouri and contiguous states, (2) whether or not quantitative need justifies the establishment of a special curriculum, (3) the type of curriculum required to prepare an environmental technician, and (4) what unique courses would be required which might prove problematic.

SB002764

A Descriptive Study of Reading Skills of Specific Vocations in North St. Louis County.
Project Director: Jackoway, Marlin
Organization: Pattonville R-3 School District, Maryland Heights, Mo.
Funding Period: Start Date 1 Jun 71; End Date 30 Sep 71
Contract and/or Control No.: 2055

Staff for this descriptive study will use a testing program to determine the reading level of workmen successfully employed in unskilled, skilled, and semi-skilled tasks. These persons will include teamsters, barbers, butcher workmen, retail sales clerks and employees, and employees at Monsanto and McDonnel-Douglas.

SB002765

Design of a New Post-Secondary Co-Curricular Organization for Vocational and Technical Students.
Project Director: Cairns, John G.
Organization: East Central Junior Coll., Union, Mo.
Funding Period: Start Date 1 Jun 72; End Date 30 Aug 72
Contract and/or Control No.: 2060

This project will attempt to design a relevant new co-curricular organization for postsecondary vocational and technical students, specify guidelines and procedures for establishing and operating the new organization, and create printed materials delineating the organizational design and function for use at East Central Junior College and for possible replication in other institutions.

SB002766

Analysis of the Missouri State Vocational Education Aid Formula.
Project Director: Kazanas, H. C.
Organization: Missouri Univ., Columbia. Dept. of Practical Arts and Vocational-Technical Education.
Contract and/or Control No.: 2062

The goals of this project are to analyze the results of the initial application of the state vocational education aid formula in order to identify those factors which caused a compression in the range of scores and to recommend alternatives for providing increased discrimination using the existing data sources and formula.

SB002767

A Film/Tape Presentation on Allied Health Technologies to Assist the Career Decision Process.
Project Director: Welsh, Donald J.

Organization: Metropolitan Junior Coll. District, Kansas City, Mo.
Contract and/or Control No.: 2064-86

To communicate the many opportunities available in occupational training at area community colleges, this project proposes to conduct a literature review on the career decision-making process and the occupational information available in the field of allied health technologies, prepare a filmstrip and tape presentation, and make the presentation available to interested college-bound students via the student affairs department at Longview, Maple Woods, Penn Valley, the Penn Valley Career Center, and area high schools.

SB002768

A Film/Tape Presentation on Electronic Technology.
Project Director: Welsh, Donald J.
Organization: Metropolitan Junior Coll. District, Kansas City, Mo.
Contract and/or Control No.: 2084-86

To communicate the many opportunities available in occupational training at area community colleges, this project proposes to conduct a literature review on the career decision-making process and the occupational information available in the field of electronic technology, prepare a filmstrip and tape presentation, and make the presentation available to interested college-bound students via the student affairs department at Longview, Maple Woods, Penn Valley, the Penn Valley Career Center, and area high schools.

SB002769

A Film/Tape Presentation on Traffic Engineering Technology.
Project Director: Welsh, Donald J.
Organization: Metropolitan Junior Coll. District, Kansas City, Mo.
Contract and/or Control No.: 2084-86

To communicate the many opportunities available in occupational training at area community colleges, this project proposes to conduct a literature review on the career decision-making process and the occupational information available in the field of traffic engineering technology, prepare a filmstrip and tape presentation, and make the presentation available to interested college-bound students via the student affairs department at Longview, Maple Woods, Penn Valley, the Penn Valley Career Center, and area high schools.

SB002770

Evaluation of Vocational Guidance and Vocational Education at North Platte R-1.
Project Director: Murdock, George J.
Organization: North Platte R-1 Schools, Dearborn, Mo.
Contract and/or Control No.: 2087

The objectives of this project are to evaluate present vocational education programs, identify needed deletions or additions of vocational education programs in the school system, establish the responsibility and accountability of the vocational guidance program, and establish a system for future evaluation. Procedures include a survey of graduates and interviews with all currently enrolled students.

SB002771

Survey of Area Vocational Needs.
Project Director: Warford, W. J.
Organization: Raytown Consolidated School District 2, Mo.
Contract and/or Control No.: 2089

To provide the information needed to make decisions on vocational school programs, this project will collect and summarize the available research data. A fund of information concerning vocational needs, offerings, and interests in the vocational school area will be developed and compiled into forms to be used in determining course offerings in a new area vocational school. A survey of student interest will be included in the project data.

SB002772

Career Opportunities in Parkway.
Project Director: Geisler, Maurice
Organization: Parkway School District, Chesterfield, Mo.
Contract and/or Control No.: 2092

To facilitate career counseling and job placement, this project proposes to develop a cross-reference card file of entry-level employment opportunities within the given geographical area, determine areas of career education that would better prepare graduates to qualify for entry-level experiences in the world of work, and prepare recommendations concerning future career education programs.

SB002773

New Patterns in Vocational Agriculture Education.
Project Director: Steere, Harold E.
Organization: Columbia Public Schools, Mo.
Contract and/or Control No.: 2094

In a review of vocational agriculture for possible improvement in curriculum offerings to meet the needs of society, this project proposes to determine the present and emerging occupational possibilities requiring vocational training and develop an effective educational program of sufficient breadth and depth to provide appropriate vocational training for secondary students. Local and national trends and needs will be researched.

SB002774

Identification of Innovative Techniques to be used in Vocational Teacher Education.
Project Director: Drake, Lawrence C.
Organization: Southwest Missouri State Coll., Springfield.
Contract and/or Control No.: 2095

This project will photograph instructors as they demonstrate unique and creative teaching techniques. The resulting set of slides will be developed, and notations will be provided for use in teacher education courses to instill motivation toward creative instruction. Names of instructors to be photographed will be solicited from southwest Missouri vocational and technical school directors and instructors.

SB002775 **VTP-842**

A Survey of the Vocational Opportunities in Central School District.
Project Director: Morice, William S.
Organization: Central High School, Flat River, Mo.

The objectives of this project are to compile a list of available job opportunities, acquaint prospective graduates and dropouts with the jobs, and evaluate the present office equipment used in teaching vocational business classes. Through mail questionnaires and personal interviews, an attempt will be made to contact all businesses in the district. Information on vocational opportunities will be compiled into a booklet.

SB002776

Development and Application of a Proficiency Profile System for Placement of Vocational-Technical Program Graduates.
Project Director: Dennizon, John A.
Organization: East Central Junior Coll., Union, Mo.
Contract and/or Control No.: 1058

Using an employer survey, this project seeks to determine desirable target proficiencies for graduates of East Central's secretarial and drafting-design programs; summarize survey results and program course content to define necessary individual skills; and design, implement, and evaluate a system for conveying graduates' skills and proficiency levels to prospective employers for use in the placement process.

SB002777

Industry-Education Cooperation in Providing Career Education.
Project Director: Drake, Lawrence C.
Organization: Southwest Missouri State Coll., Springfield.
Contract and/or Control No.: 1061

This project will attempt to establish and encourage the use of industry-education cooperation within southwest Missouri's rural county population for a more intensive career education program for youth. Through the use of a letter survey and personal interviews, this project will identify those direct services industries which are able to provide prevocational and vocational and technical education programs. A minimum of ten major employers will be interviewed in each of twenty-four counties.

SB002778

Development of a Model Local Application for Receiving Vocational Program Funding.
Project Director: King, Franklin J.

Organization: Missouri Univ., Columbia.
Contract and/or Control No.: 1065

The objectives of this project include developing a brief, functional, and standarized instrument for application and annual reports for programs eligible for vocational funding; incorporating into the instrument procedures for collecting objective, valid data concerning the proposed or existing vocational program; facilitating the collection of data needed for long-range budget preparation; and developing an instructional handbook for use by local administrators in the correct preparation of the instrument.

SB002779

The Feasibility and Planning of a Multiple Approach to Vocational Programming Which Will Meet the Career Aspirations of Students in a Rural Secondary School Setting.
Project Director: Edgar, Harold W.
Organization: Franklin County Consolidated District 2, Sullivan, Mo.
Contract and/or Control No.: 1066

This project is designed to provide educational program opportunities to meet the stated career aspirations of 50 percent or more of the eleventh and twelfth grade students indicating an interest in vocational education. The project will survey the students, grades 8 to 12, to determine interests and career aspirations; survey the business community to identify work stations; and review present school based vocational curriculum. Methods of providing vocational education to meet the needs and interest of the identified students will be determined in developing a plan for vocational education in Sullivan.

SB002780

State Wide Post Secondary Agricultural Chemical Curriculum Development Study.
Project Director: Fielding, Marvin
Organization: State Fair Community Coll., Sedalia, Mo.
Contract and/or Control No.: 1069

This project will develop a suggested sequence and course outlines for a postsecondary career program in agricultural chemicals based on the identified skills and competencies necessary for employment that emphasizes sales, selection, application, and safety control of restricted agricultural chemicals. The project will identify the potential industries and businesses which will employ individuals certified or licensed in these areas.

SB002781

Development of a Training Model Using Simulation Materials for Vocational Couseling.
Project Director: Resnikoff, Arthur
Organization: Washington Univ., St. Louis, Mo.
Contract and/or Control No.: 1043

The purpose of this study is to develop and test a training model to instruct counselors in the skills necessary for the vocational counseling of high school students. Specific objectives include developing a set of vocational history materials, a set of videotape demonstration materials illustrating competent vocational counseling behavior, and a set of assessment materials; organizing an appropriate set of testing and informational materials to be used as training resources; and developing simulated or "coached" clients for use in the pre- and post-assessment device.

SB002782

Curriculum Development for Electromechanical and Mechanical Technologies.
Project Director: Preston, Norman
Organization: Penn Valley Community Coll., Kansas City, Mo.
Contract and/or Control No.: 1049

Project objectives are to (1) research and develop curriculum for electromechanical and mechanical technology programs; (2) develop instructional unit modules and equipment specifications; (3) develop evaluation procedures and techniques for each module; (4) implement, evaluate, and revise the modular program; and (5) evaluate program effectiveness and student success on the job.

SB002783

Designing and Constructing an Original Visual Aid Device, and Conducting an Experimentsl Research Activity to Evaluate its Effectiveness as a Supplemental Aid in Teaching Psychomotor Skills.
Project Director: Tolbert, Donald R.
Organization: Lincoln Univ., Jefferson City, Mo.
Contract and/or Control No.: 1063

This project proposes to design and construct a visual aid device, the Rapid Selector Chart Device (RSCD), which will maximize the use of large charts as supplementary teaching aids in the teaching and mastery of psychomotor skills. Project staff will conduct an experimental research activity to determine the effectiveness of the RSCD as a supplemental teaching aid. The RSCD will be designed to enhance the ability of students to read and follow predetermined sequential instruments and reduce the time required for students to master psychomotor skills.

SB002784 **VTP-906**

Development of a 16mm Film Entitled "Dynamic Careers in Agri-Business" for Post Secondary Agri-Business Graduates in Missouri.
Project Director: Hibdon, Nila
Organization: State Fair Community Coll., Sedalia, Mo.

The objectives of this project are to develop a motion picture film depicting career opportunities in agribusiness, increase enrollment in the agribusiness programs in postsecondary education, and inform the industry of training programs being offered. A professional staff will produce the film.

SB002785 **VTP-843**

Career Development Planning for Grades K-8.
Project Director: Gooden, Benny L.
Organization: Montgomery County R-2 Schools, Montgomery City, Mo.

The purpose of this project is to determine the present status of career information and attitudes possessed by students and teachers, what research and projects have been found to be most effective and how they can be adapted locally, and how staff and materials can best be utilized. The methods used are a needs assessment, a survey of research and literature, the development of local objectives based on needs, staff orientation and development of an instructional guide.

SB002786

Development of Sufficient Skills and Abilities of Disadvantaged Students to the Level of Being Able to Succeed in Regular Vocational Classes.
Project Director: Smith, James
Organization: Rolla Public Schools, Mo.
Contract and/or Control No.: 1074

This project aims to determine if a prevocational instructional program for disadvantaged students will increase the students' probability of success in a regular vocational program, bring these students to the same proficiency level as nondisadvantaged students, and retain these students in school. The program will consist of prevocational instruction in woodworking, metal working, small gasoline engine repair, electricity, welding, plumbing, and remedial reading given to twelve selected ninth and tenth grade students.

SB002787 **VTP-839**

A Model for the Development of a System for the Establishment and Initial Operation of an Area Vocational School.
Project Director: Andrews, John E.
Organization: Pike R-III School District, Clarksville, Mo.

The objectives of this project are to research and compile the requirements and procedures of initiating a vocational education program and produce and design a mediated self-instructional system in the establishment and operation of a school. This project will be conducted in the following five phases: research and compilation, design, development, production, and field testing and revision.

SB002788 VTP-840

Computer-Based Occupational Simulation.
Project Director: Miller, W. R.
Organization: Missouri Univ., Columbia

The objective of this project is to ascertain whether students receiving a computer-based simulation presentation of occupational information will achieve higher scores than students receiving nonsimulation presentation. A research strategy, treatment materials, and experimental measures will be developed. A sample will be selected, the study will be conducted, and data will be gathered. The results will be analyzed, and a report will be written.

SB002789 VTP-841

An Analysis of Factors Which Influence Student Selection of Vocational-Techaical Education in Southwest Missouri.
Project Director: Coburn, Jerry P.
Organization: Missouri Southern State Coll., Joplin.

The objective of this study is to find factors which influence student selection of vocational technical education. A questionnaire will be developed to sample high schools, vocational schools, and colleges. The instrument will be tested for clarity at a selected high school.

SB002790

A Feasibility Study For Multi-Teacher Departments oF Vocational Education in Agriculture.
Project Director: Stewart, Bob R.
Organization: Missouri Univ., Columbia. Dept. of Agricultural Education.
Funding Period: Start Date 1 Jul 71; End Date 31 Dec 71
Contract and/or Control No.: 2056

The objectives of this project are to develop an instrument to determine the present and ideal allocation of the vocational agriculture teacher's time for instructional activities as perceived by the teacher and supervisor, survey a sample of Missouri schools to determine perceptions of need for various vocational agriculture programs, develop alternative models to illustrate potential programs based on needs, and establish guidelines for program development in multi-teacher departments.

SB002791

A Project to Determine the Effectiveness and Adaptability to Individualized Instruction of the Apex Simulation Program.
Project Director: Hibdon, Nila
Organization: State Fair Community Coll., Sedalia, Mo.
Contract and/or Control No.: 1126

This project seeks to determine the effectiveness and adaptability of the Apex Simulation Program developed by the 3-M Company for individualized instruction of junior college business and office education students. Use of the Apex Program will provide simulated office experiences during the final semester of the program; a culmination of concepts, skills, and attitudes learned in previous classes; and a simulation of office organization, teamwork, and human relations problems. Project staff will stage critical events and staff meetings to provide problem-solving situations.

SB002792

Instructional Materials Development for Vocational Education.
Project Director: Herd, Amon
Organization: Missouri Univ., Columbia. Instructional Materials Lab.
Funding Period: Start Date 10 Aug 70; End Date 30 Jun 71
Contract and/or Control No.: 1077

The goals of this project are to develop instructors' guides for selected vocational areas to include detailed lesson plans, accompanying visuals, and a resource unit and to develop student study guides in five selected vocational areas including an occupational analysis and related assignment sheets. The instructors' guides will be prepared for eleven vocational areas including shielded metal arc, resistance and special welding processes, auto body repair, and advanced beef production.

SB002793

Prevocational Skills for Educable Mentally Retarded Students (Commercial Food Services).
Organization: Kansas City School District, Mo.
Contract and/or Control No.: 1078

The objective of this project is to provide opportunities for educable mentally retarded (EMR) youth to develop occupational skills and attitudes which will enable them to enter the world of work or to continue their occupational training in ongoing vocational programs. The project will use a trailer properly equipped for commercial food services to serve as an instructional laboratory for EMR students in grades 9-12.

SB002794

Evaluation of Guidance Activities in Selected Public Schools In and Around Kansas City.
Project Director: Jessee, B. E.
Organization: Missouri Univ., Kansas City.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 1117

The purpose of this project is to assist the development of evaluation procedures of guidance programs in selected schools in the Kansas City Metropolitan area. Specialists from the counselor education division of the University of Missouri at Kansas City will work with selected school counselors in developing specific guidance goals and objectives and in developing criterion measures for evaluation of these guidance activities.

SB002795

Development of Auto-Instruction Materials for In-Service Training of Vocational Counselors.
Project Director: Hosinski, Sister Marion
Organization: Saint Louis Univ., Mo. Dept of Education.
Funding Period: Start Date 1 Sep 70; End Date 30 Jun 71
Contract and/or Control No.: 1116

This project will provide funding for ongoing research and development of auto-instructional materials related to vocational behavior and counseling as a basis for instruction for master's level counselors-in-training and counselors-in-practice who need to develop knowledge and skills in vocational counseling. The project will determine the effectiveness of the revised auto-instructional packages in effecting positive cognitive and affective changes in behavior in counselors-in-training and counselors-in-practice and provide an instructional model and method for counselor educational and inservice programs.

SB002796

Improvement of Vocational Counseling Service.
Project Director: Sell, Marthajane Rhoades
Organization: Lincoln High School, Kansas City, Mo.
Funding Period: Start Date 1 Mar 71; End Date 1 Mar 72

To improve the high school vocational counseling services, this project will develop a student information file composed of vocational significant data which will be used to help students achieve a more realistic self-appraisal of vocational competencies and will result in job placement more commensurate with student abilities, skills, and interests. The project will also undertake a follow-up study to determine the relevancy of the file data in job placement.

Fiscal Year 1972

SB002797

A Proposal to Reproduce and Disseminate Individualized Business and Office Materials, and to Provide Technical Assistance to Four Selected Public Schools in Missouri.
Project Director: Hibdon, Nila
Organization: State Fair Community Coll., Sedalia, Mo.

This project will reproduce and distribute individualized instructional materials and equipment in business and office occupations to four selected Missouri public schools offering adult business and office programs, provide professional assistance to the programs in establishing and implementing an individualized learning laboratory in their training centers, and conduct a two-week workshop to orient participants from the four schools in the philosophy and use of the individualized instructional materials prepared at State Fair Community College.

SB002798

A Project to Determine the Effectiveness and Adaptability to Individualized Instruction of the Apex Simulation Program.
Project Director: Hibdon, Nils
Organization: State Fair Community Coll., Sedalia, Mo.
Contract and/or Control No.: 1126

By using the APEX office simulation developed by the 3-M Company, this project will determine whether a smooth and speedy transition from classroom instruction to office employment can be made by students who experience a simulated office environment. Questions to be addressed by the project include whether or not the concepts of work flow and office organization can be learned by the students, the simulation program can be individualized, and employers will recognize improvement in the preparation for employment of students completing the program.

SB002799

Establishing Vocational Skills in Severely and Profoundly Retarded Individuals.
Project Director: Hogoboom, Robert B.
Organization: Saint Louis State Hospital, Mo.
Contract and/or Control No.: 1102

To eliminate disruptive or undesirable behaviors exhibited by severely and profoundly retarded individuals, this project will develop behavior modification methods to be used in a sheltered workshop environment. The project will attempt to determine the effectiveness of the behavior modification procedures, if a reduction of disruptive behavior leads to a concurrent increase in work rate, and if maintenance and follow-up procedures can be implemented when the client is moved to other sheltered workshop environments.

SB002800

Read, Listen and Learn About Work.
Project Director: Jackoway, Marlin K.
Organization: Pattonville R-3 School District, Maryland Heights, Mo.

This project will develop a tape and book library to be used in increasing the vocational awareness and reading skills of slow readers in upper elementary grades. Materials selected on the basis of high career awareness content and low reading levels will be given to students to read and tape. Students will be pre- and posttested in their development of reading skills and vocational awareness.

SB002801

Selected Personality Traits and Role Perceptions of Beginning Vocational Education Teachers in Missouri.
Project Director: Bisbee, Kolan K.
Organization: Missouri Univ., Columbia.

The purpose of this project is to gather data concerning the selected personality traits and role perceptions of beginning teachers of vocational education. This data will be analyzed to compare three different groups of beginning teachers: those with baccalaureate degrees in education, those with sixty college semester hours without a baccalaureate degree, and those with less than twenty college semester hours. Data concerning the role perceptions held by administrators for the position of vocational education teacher will also be collected.

SB002802

Dress Pattern Alterations Related to Physical Characteristics of Older Women.
Project Director: Nugent, Elinor
Organization: Missouri Univ., Columbia.
Contract and/or Control No.: 2122

To make appropriate and well-fitted clothing available to older women, this project will attempt to determine the physical characteristics of mature and older women which necessitate alteration of commercial dress patterns, select and test suitable techniques of adaptation and alteration, and compile methods in a suitable form for individual and classroom use.

SB002803

Visuals That Will Aid in Teaching the Metric System to the Home-Maker.
Project Director: Kintner, Treva
Organization: Missouri Univ., Columbia. Dept. of Practical Arts and Vocational-Technical Education.

The goal of this project is to prepare eighty color teaching slides and appropriate guides for use by teachers or extension workers in explaining the metric system to homemakers. The project will use University of Missouri students and Columbia homemakers to evaluate, recognize, and contribute ideas to help develop effective learning visuals.

SB002804

Field Testing of Child Care Worker Parent Involvement Training Packages.
Project Director: Fisher, Virginia Lee
Organization: Missouri Univ., Columbia. Dept. of Practical Arts and Vocational-Technical Education.

To determine the effectiveness of the parent involvement aspect of a proposed slide/tape instructional series, this project will develop and field test instructional packages which involve parents and specify directions for further revision and distribution. The project proposes to extend and adapt the script and slides previously prepared for two one-hour, color television presentations which were part of a twelve-hour course funded by OCD-HEW, Region VII and offered by four universities over educational television stations to Head Start staff.

SB002805

Development of Career Level Course: Science Activities for Children.
Project Director: Kellams, Peter H.
Organization: Florissant Valley Community Coll., St. Louis, Mo.

To fill the science elective required for majors in the child care curriculum at Florissant Valley Community College, this project proposes to design a course outline entitled "Science Activities for Children." The outline will include student objectives, activities in and demonstrations of science principles adaptable for use in nursery schools, and suggested readings.

SB002806

Administrative Structure and Relationships Between the Area Vocational School, the Local School District, and Sending School Districts in Missouri.
Project Director: Lowe, Alvin R.
Organization: Marshall School District, Mo.

The objectives of this project include ascertaining demographic and sociological data pertinent to the area vocational school director and determining the relationship between the role perceptions held by the area vocational directors and those held by other public school administrators with whom the directors interact. Particular emphases will be placed upon the personal and professional attributes of the director.

SB002807

Assess the Educational Need of Currently Enrolled College Students and Area High School Juniors and Seniors, with Academic Deficiencies as Measured by ACT, in Relationship to the Existing Programs at Missouri Western College.
Project Director: McDonald, Marvin
Organization: Missouri Western Coll., St. Joseph.

By using the Career Planning Profile provided by the American College Testing Company, this project seeks to assess the interest, competence, and abilities of students of lower academic achievement in selected area high schools with regard to the trades, technical, science, health, arts, and business detail career clusters; utilize this data in effectively planning vocational programs and academic and vocational guidance services at Missouri Western College; and measure the student input variable as it relates to vocational program development at Missouri Western College.

SB002808

A Research Proposal to Survey the Service Area of Three Rivers Community College in Order to Determine the Present and Future Personnel Needs in the Field of Ornamental Horticulture.

Project Director: Denton, Samuel T.
Organization: Three Rivers Community Coll., Poplar Bluff, Mo.
Contract and/or Control No.: 2110

To determine the feasibility of implementing a two-year ornamental horticulture technology program, this project will determine the need for trained personnel in ornamental horticulture within the service area of Three Rivers Community College. The project will survey horticultural firms to determine the need for trained personnel and the wages of their employees. For survey use, a list of golf courses, country clubs, and lawn and garden supply firms will be compiled.

SB002809

Discovering Yourself and Careers (Career Seminar).
Project Director: Fielding, Joyce
Organization: State Fair Community Coll., Sedalia, Mo.
Contract and/or Control No.: 2137

This career seminar project offers two major objectives. The first objective is to provide a structured group counseling activity to assist thirty-five students undecided about a career major in improving problem-solving skills and to help these students become aware of career opportunities available to them at State Fair Community College. The second objective is to provide inservice training for vocational counselors in new methods of group counseling, especially as related to career choice.

SB002810

Parents: Key People to Assist in Occupational Decision Making.
Project Director: Walters, Nancy R.
Organization: Central Missouri State Univ., Warrensburg.
Contract and/or Control No.: 1100

To enable parents to help their children make better career choices, this project proposes to increase parents' knowledge of the world of work and of their children and increase parents' decision-making skills. Parents of tenth and eleventh grade inner city, suburban, and rural students will be involved in six voluntary training sessions to acquire skills to help their children explore career alternatives. The program will measure how effectively the parents pass on this information to their children.

SB002811

Career Awareness, Selection and Occupational Training in Agri-Business.
Project Director: Fitchett, Lee
Organization: Chillicothe R-2 School District, Mo.

The primary objectives of this project are to establish, develop, and evaluate an agribusiness career awareness program for presecondary students (primarily eighth grade), which involves the students' understanding of occupational classification, skill requirements, job locations, industry trends, entry requirements, and work attitudes, and to assist them in making rational career decisions.

Fiscal Year 1973

SB002812

Follow-Up of University of Missouri-Columbia Home Economics Education Program Entrants and Graduates from September 1, 1967 Through December, 1972.
Project Director: Quilling, Joan
Organization: Missouri Univ., Columbia. Dept. of Practical Arts and Vocational-Technical Education.
Funding Period: Start Date 1 Jan 73; End Date 31 Jan 74
Contract and/or Control No.: 2119

The objectives of this project are to initiate longitudinal follow-up procedures for home economics education entrants and graduates of the University of Missouri-Columbia, provide Missouri vocational home economics educators with a systematic procedure for program assessment, secure data to inform prospective students of relevant career options, and secure a data base for making decisions relative to program planning in home economics education at the Universisty of Missouri-Columbia.

SB002813

A Survey of Southeast Missouri to Determine Farm Power Technology Needs on the Post-Secondary Level.
Project Director: Stanek, George
Organization: Three Rivers Community Coll., Poplar Bluff, Mo.
Funding Period: Start Date 1 Sep 73; End Date 30 Jun 74
Contract and/or Control No.: 2108

The primary objective of this project is to determine the current and projected personnel needs for replacement and expected growth in the agricultural equipment industry. The project will survey farm equipment dealers and selected farm equipment distributors serving the Southeast Missouri area to determine the types of jobs available, needs for trained personnel, and the wages of their employees.

SB002814

Preliminary Data Collection for Revision of K-12 Communication Skills Curriculum.
Project Director: Lager, Alvin J.
Organization: Ferguson School District R-2, Mo.
Funding Period: Start Date 2 Apr 73; End Date 15 Jun 73
Contract and/or Control No.: 2118

This project is designed to provide (1) a more precise understanding of the types and levels of communication skills needed for entry into various types of careers; (2) a clearer understanding of student competency levels in communication skills; (3) precise descriptions of cognitive and affective outcomes of existing language arts instruction; (4) the capability of analyzing the relationship between student competency levels and teacher goals; and (5) an ability to define realistic communication skill competencies for differing career clusters and to describe, for each career cluster, sequentially arranged cognitive and affective objectives.

SB002815

Career Development in Action.
Project Director: Brockgreitens, Robert F., II
Organization: Wentzville School District R-4, Mo.
Funding Period: Start Date 9 Jul 73; End Date 21 Sep 73
Contract and/or Control No.: 2127

The objective of this project is to test the hypothesis that students will begin to develop definite career goals if cluster programs of careers are introduced in the early years of education. Project staff will send questionnaires to students who have graduated within the past six years to ascertain when and if the individuals have chosen careers, on what bases the decisions were made, and what information at what time would have been pertinent or more helpful in the formation of this decision.

SB002816 **VTP-1112**

Inservice Education Model for the Dissemination and Utilization of Career Information in the Elementary School.
Project Director: Downs, W. A.
Organization: Central Missouri State Univ., Warrensburg.
Funding Period: Start Date 1 May 73; End Date 30 Apr 74

The goal of this project is to develop an inservice education model for the dissemination and utilization of career information in the elementary school. Participants will be expected to define the concept of career education and list methods of communicating information to students. Students should increase self- and career-awareness and increase their skill in decision making. Two three-week workshops will be conducted.

SB002817

A Study of the Structure, Function and Use of Local Advisory Committees on Vocational Education.
Project Director: Kutscher, Gordon R.
Organization: Missouri State Advisory Council on Vocational Education, Jefferson City.
Funding Period: Start Date 1 Jul 73; End Date 30 Sep 73
Contract and/or Control No.: 2111

This project seeks to determine the number, structure, function, and occasions of use of local advisory committees for vocational education in Missouri, and develop recommendations for consideration by the Missouri Advisory Council on Vocational Education pertaining to local advisory committees. Recommendations will be made based on the results of a questionnaire mailed to all Missouri secondary schools offering vocational courses.

SB002818

Comparison of Two Different Methods of Dissemination of a New Teaching Technique.
Project Director: Elias, John E.
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 1 Jul 73; End Date 31 Dec 73

The purpose of this project is to compare two different methods of dissemination of a new teaching technique. The specific objective is to determine the number of teachers reached through each method who implement the new technique, the measure of success participants of each method experience in using the technique, and the relative cost per user of each method.

SB002819 VTP-1108

Implementation of a Model Child Development Center Having a Full Variety of Preschool Programs.
Project Director: Frasier, Eleanor R.
Organization: Florissant Valley Community Coll., St. Louis, Mo.
Funding Period: Start Date 1 Jun 73; End Date 20 Aug 74

This project will seek to answer questions regarding creation and implementation of a model child development center with a variety of preschool programs. Project results will be incorporated into a handbook. Procedures in this project involve planning and designing the center. Ongoing documentation and data collection will be conducted.

SB002820 VTP-1111

The Meaning and Value of Work, Job Satisfaction and Productivity as Perceived by Vocational Education Graduates and Teachers.
Project Director: Kazanas, H. C.
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 16 Apr 73; End Date 31 May 74

The objectives of this project are to ascertain the present status of the work ethic, job satisfaction, and productivity by reviewing the literature and research and to investigate the current conditions and trends through the use of scales. These scales will be developed, pilot-tested, and revised. Data will be collected from five groups of individuals and analyzed using the three scales.

SB002821 VTP-1110

Preparaton and Testing of Career Education Modules for Teachers and Counselor Education.
Project Director: Gysbers, Norman C.
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 1 Sep 73; End Date 31 Aug 74

The objectives of this project are to identify and select career education concepts and develop, field test, and revise career education modules for instruction and guidance programs at the elementary level. Demonstration workshops will be held to disseminate information to teacher and counselor educators and local school district personnel.

SB002822 VTP-1109

Research Model for Career Education.
Project Director: Rubin, Milton A.
Organization: Parkway School District, Chesterfield, Mo.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objectives of this project are to develop sampling measurement devices which are reliable and valid for an elementary school career education program, determine any predictive factors found to be in the testing devices, determine with these devices the existence of any correlation between the self-concept inventory and the sentiment index, and measure attitudinal changes. Control and experimental groups with similar demographic factors will be chosen. Three tests will be constructed to be administered.

SB002823

An Investigation of Developmental Education Curricular Requirements for Postsecondary Vocational Technical Students.
Project Director: Stumpf, Arthur D.
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 16 Apr 73; End Date 31 Aug 73
Contract and/or Control No.: 2139

The goals of this project are to identify criteria of achievement prerequisite to successful pursuit of a postsecondary career progam; compare the objectives of existing developmental courses to these criteria and prepare recommendations for changes; and examine selection, placement, and diagnostic procedures now in use for developmental education and make recommendations for changes.

SB002824

Read, Listen and Learn About Work.
Project Director: Jackoway, Marlin K.
Organization: Pattonville R-3 School District, Maryland Heights, Mo.
Contract and/or Control No.: 2124

This project will develop a tape and book library to be used in increasing the vocational awareness and reading skills of slow readers in upper elementary grades. Materials selected on the basis of high career awareness content and low reading levels will be given to students to read and tape. Students will be pre- and posttested in their development of reading skills and vocational awareness.

SB002825

Selected Personality Traits and Role Perceptions of Beginning Vocational Education Teachers in Missouri.
Project Director: Bisbee, Kolan K.
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 19 Mar 73; End Date 2 Jul 73
Contract and/or Control No.: 2145

The purpose of this project is to gather data concerning the selected personality traits and role perceptions of beginning teachers of vocational education. This data will be analyzed to compare three different groups of beginning teachers: those with baccalaureate degrees in education, those with sixty college semester hours without a baccalaureate degree, and those with less than twenty college semester hours. Data concerning the role perceptions held by administrators for the position of vocational education teacher will also be collected.

SB002826

Establishing Vocational Skills in Severely and Profoundly Retarded Individuals.
Project Director: Hogoboom, Robert B.
Organization: Saint Louis State Hospital, Mo.
Contract and/or Control No.: 1102

To eliminate disruptive or undesirable behaviors exhibited by severely and profoundly retarded individuals, this project will develop behavior modification methods to be used in a sheltered workshop environment. The project will attempt to determine the effectiveness of the behavior modification procedures, if a reduction of disruptive behavior leads to a concurrent increase in work rate, and if maintenance and follow-up procedures can be implemented when the client is moved to other sheltered workshop environments.

SB002827

Dress Pattern Alterations Related to Physical Characteristics of Older Women.
Project Director: Nugent, Elinor
Organization: Missouri Univ., Columbia.
Contract and/or Control No.: 2122

To make appropriate and well-fitted clothing available to older women, this project will attempt to determine the physical characteristics of mature and older women which necessitate alteration of commercial dress patterns, select and test suitable techniques of adaptation and alteration, and compile methods in a suitable form for individual and classroom use.

SB002828

Visuals That Will Aid in Teaching the Metric System to the Home-Maker.
Project Director: Kintner, Treva
Organization: Missouri Univ., Columbia. Dept. of Practical Arts and Vocational-Technical Education.
Funding Period: Start Date 1 Jan 73; End Date 1 Jan 74
Contract and/or Control No.: 2123

The goal of this project is to prepare eighty color teaching slides and appropriate guides for use by teachers or extension workers in explaining the metric system to homemakers. The project will use

University of Missouri students and Columbia homemakers to evaluate, recognize, and contribute ideas to help develop effective learning visuals.

SB002829

Field Testing of Child Care Worker Parent Involvement Training Packages.
Project Director: Fisher, Virginia Lee
Organization: Missouri, Univ., Columbia. Dept. of Practical Arts and Vocational-Technical Education.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 2128

To determine the effectiveness of the parent involvement aspect of a proposed slide/tape instructional series, this project will develop and field test instructional packages which involve parents and specify directions for further revision and distribution. The project proposes to extend and adapt the script and slides previously prepared for two one-hour, color television presentations which were part of a twelve-hour course funded by OCD-HEW, Region VII and offered by four universities over educational television stations to Head Start staff.

SB002830

Development of Career Level Course: Science Activities for Children.
Project Director: Kellams, Peter H.
Organization: Florissant Valley Community Coll., St. Louis, Mo.
Funding Period: Start Date 4 Jun 73; End Date 29 Jun 73
Contract and/or Control No.: 2131

To fill the science elective required for majors in the child care curriculum at Florissant Valley Community College, this project will design a course outline entitled "Science Activities for Children." The outline will inciude student objectives, activities in and demonstrations of science principles adaptable for use in nursery schools, and suggested readings.

SB002831

Administrative Structure and Relationships Between the Area Vocational School, the Local School District, and Sending School Districts in Missouri.
Project Director: Lowe, Alvin R.
Organization: Marshall School District, Mo.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 2144

The objectives of this project include ascertaining demographic and sociological data pertinent to the area vocational school director and determining the relationship between the role perceptions held by the area vocational directors and those held by other public school administrators with whom the directors interact. Particular emphases will be placed upon the personal and professional attributes of the director.

SB002832

A Research Proposal to Survey the Service Area of Three Rivers Community College in Order to Determine the Present and Future Personnel Needs in the Field of Ornamental Horticulture.
Project Director: Denton, Samuel T.
Organization: Three Rivers Community Coll., Poplar Bluff, Mo.
Contract and/or Control No.: 2110

To determine the feasibility of implementing a two-year ornamental horticulture technology program, this project will determine the need for trained personnel in ornamental horticulture within the service area of Three Rivers Community College. The project will survey horticultural firms to determine the need for trained personnel and the wages of their employees. For survey use, a list of golf courses, country clubs, and lawn and garden supply firms will be compiled.

SB002833

Assess the Educational Need of Currently Enrolled College Students and Area High School Juniors and Seniors, with Academic Deficiencies as Measured by ACT, in Relationship to the Existing Programs at Missouri Western College.
Project Director: McDonald, Marvin
Organization: Missouri Western Coll., St. Joseph.
Funding Period: Start Date 15 Mar 73; End Date 14 Mar 74
Contract and/or Control No.: 1093

By using the Career Planning Profile provided by the American College Testing Company, this project proposes to assess the interest, competence, and abilities of students of lower academic achievement in selected area high schools with regard to the trades, technical, science, health, arts, and business detail career cluster, utilize this data in effectively planning vocational programs and academic and vocational guidance services at Missouri Western College; and measure the student input variable as it relates to vocational program development at Missouri Western College.

SB002834

Discovering Yourself and Careers (Career Seminar).
Project Director: Fielding, Joyce
Organization: State Fair Community Coll., Sedalia, Mo.
Contract and/or Control No.: 2137

This career seminar project offers two major objectives. The first is to provide a structured group counseling activity to assist thirty-five students undecided about a career major in improving problem-solving skills and to help these students become aware of career opportunities available to them at State Fair Community College. The second objective is to provide inservice training for vocational counselors in new methods of group counseling, especially as related to career choice.

SB002835

Parents: Key People to Assist in Occupational Decision Making.
Project Director: Walters, Nancy R.
Organization: Central Missouri State Univ., Warrensburg.
Contract and/or Control No.: 1100

To enable parents to help their children make better career choices, this project proposes to increase parents' knowledge of the world of work and of their children and increase parents' decision-making skills. Parents of tenth and eleventh grade inner city, suburban, and rural students will be involved in six voluntary training sessions to acquire skills to help their children explore career alternatives. The program will measure how effectively the parents pass on this information to their children.

SB002836

Career Awareness, Selection and Occupational Training in Agri-Business.
Project Director: Fitchett, Lee
Organization: Chillicothe R-2 School District, Mo.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 1090

The primary objectives of this project are to establish, develop, and evaluate an agribusiness career awareness program for presecondary students (primarily eighth grade), which involves the students' understanding of occupational classification, skill requirements, job locations, industry trends, entry requirements, and work attitudes, and to assist them in making rational career decisions.

SB002837

Instructor's Guide on Health Occupations.
Project Director: King, Franklin
Organization: Missouri Univ., Columbia. Instructional Materials Laboratory.
Funding Period: Start Date 1 Sep 73; End Date 31 Aug 74
Contract and/or Control No.: 1124

This project will design instructional materials for instructor and student use in nurse aide programs. The objectives of the project are to identify competencies needed at the nurse aide level; develop instructors' guides to include detailed lesson plans, accompanying visuals, and resource unit; and develop student study guides to include an occupational analysis and related assignment sheets.

SB002838

A Project to Determine the Effectiveness and Adaptability to Individualized Instruction of the Apex Simulation Program.

Project Director: Hibdon, Nila
Organization: State Fair Community Coll., Sedalia, Mo.
Contract and/or Control No.: 1126

By using the APEX office simulation developed by the 3-M Company, this project will determine whether a smooth and speedy transition from classroom instruction to office employment can be made by students who experience a simulated office environment. Questions to be addressed by the project include whether or not the concepts of work flow and office organization can be learned by the students, the simulations program can be individualized, and employers will recognize improvement in the preparation for employment of students completing the program.

SB002839

A Proposal to Reproduce and Disseminate Individualized Business and Office Materials, and to Provide Technical Assistance to Four Selected Public Schools in Missouri.
Project Director: Hibdon, Nila
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 1 Jan 73; End Date 31 Dec 73
Contract and/or Control No.: 1125

This project will reproduce and distribute individualized instructional materials and equipment in business and office occupations to four selected Missouri public schools offering adult business and office programs, provide professional assistance to the programs in establishing and implementing an individualized learning laboratory in their training centers, and conduct a two-week workshop to orient participants from the four schools in the philosophy and use of the individualized instructional materials prepared at State Fair Community College.

SB002840

Establishment of a Production Unit for Slide-Tape Presentations in Hotel, Motel, and Restaurant Training at Crowder College.
Project Director: Siddens, Farrell
Organization: Crowder Coll., Neosho, Mo.
Funding Period: Start Date 15 Apr 73; End Date 15 Oct 73
Contract and/or Control No.: 2134

The objectives of this project are to research and set up a slide/tape production unit and develop presentations for sixteen units in hotel, motel, and restaurant management training. The units to be developed include personnel management; food selection and buying; format for menus; cost control; administration; food nutritive values, service, preparation, merchandising, and sanitation; equipment; sanitation of facilities; work simplification; layout and design; furnishings; and student placement services.

SB002841

A Pilot Program to Identify the Competencies, Development of Objectives and Determination of Problems Included in Agricultural Curricula Being Offered by Post-Secondary Institutions of Missouri.
Project Director: Hibdon, Nila
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 12 Sep 73; End Date 31 Dec 73
Contract and/or Control No.: 1129

The objectives of this project are to identify the competencies contained in each existing postsecondary agriculture core curriculum taught in Missouri, identify the knowledge and skills needed to function competently in occupations related to existing core agriculture education programs, develop behavioral objectives related to the existing agriculture postsecondary educational programs, and develop and distribute materials and guides for each core course.

Fiscal Year 1974

SB002842 **VTP-1236**

A Feasibility Study to Determine an Alternative Method of Cooperative Work Experience by Block Time in A Major Metropolitan Area for Community Colleges.
Project Director: Wasson, Gayle D.
Organization: Longview Community Coll., Lee's Summit, Mo.
Funding Period: Start Date 1 Feb 74; End Date 31 Aug 74

The objectives of this project are to assemble an advisory committee to study the proposal, develop a survey instrument to interview personnel directors and directors of local stores on the potential placement of students, study existing programs, evaluate existing curriculum, recruit students with career objectives to enroll in the pilot program, develop a list of training stations, and initiate the pilot program.

SB002843 **VTP-1471**

A Pilot Program to Identify the Competencies, Development of Objectives and Determination of Problems Included in Agricultural Curricula Being Offered by Post-Secondary Institutions of Missouri.
Project Director: Hibdon, Nila
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 1 Jul 74; End Date 31 Jan 75

The objectives of this project are to identify the competencies contained in each existing postsecondary agriculture curriculum; ascertain the knowledge, competencies, and skills necessary to function in related occupations; develop behavioral objectives related to the programs; develop problem areas for each course; and develop and distribute materials and guides for each course. The competencies will be integrated into existing or developing courses.

SB002844 **VTP-1234**

A Survey of Adding, Calculating, and Accounting Machines Being Used in Kansas City Area Businesses.
Project Director: McGaugh, Elwyn
Organization: Longview Community Coll., Lee's Summit, Mo.
Funding Period: Start Date 1 Jun 74; End Date 31 Aug 74

The objectives of this project are to determine what types and how many of each type of business machines are being used; determine the skill requirements for machine operators; determine what problems occur with the machines most frequently; and visit machine companies to obtain information about machines. A sample group will be determined, and a questionnaire and follow-up letter will be developed and mailed to businesses. The responses will be tabulated, analyzed, and published.

SB002845 **VTP-1235**

Feasibility Study on the Need for Developing a Curriculum for Corrections Personnel and the Type of Curriculum Necessary for Institutional Correctional Personnel.
Project Director: Hair, Richard
Organization: Longview Community Coll., Lee's Summit, Mo.
Funding Period: Start Date 1 Mar 74; End Date 1 Jun 74

The aims of this project are to obtain additional information on the present outlook in corrections to determine the need for developing a curriculum; develop an advisory committee to determine the needs of the correctional administrators and the community; and develop the needed curriculum. A suitable questionnarie will be sent to heads of correctional institutions or agencies, and the results will be tabulated. Students will be surveyed to determine the interest in correctional course work.

SB002846 **VTP-1468**

Establishing Vocational Skills in Severely and Profoundly Retarded Individuals.
Project Director: Hogoboom, R. B.
Organization: Saint Louis State School-Hospital, Mo.
Funding Period: Start Date 1 Jun 74; End Date 30 Jun 74

The goals of this project are to determine the effectiveness of behavior modification procedures in reducing disruptive behavior in sheltered workshops, determine if maintenance and follow-up procedures can be implemented to ensure effective functioning, and determine if a reduction in disruptive behavior leads to a concurrent increase in work rate. Retarded institutionalized individuals will be accepted into the study if their behavior affects their performance.

SB002847 **VTP-1467**

Preparation and Testing of Career Educational Modules for Teacher and Counselor Education.
Project Director: Gysbers, Norman G.
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 1 Sep 74; End Date 31 Aug 75

The objectives of this project are to continue to develop, field test, revise, and complete career education modules for instruction and guidance programs at the elementary and junior high levels and to identify and select career education concepts at the junior high level.

Career education materials and other relevant literature will continue to be revised to identify education concepts. New and additional modules will be developed at both levels.

SB002848 **VTP-1466**

A Comparison of Instructional Approaches to Teaching the International System of Weights and Measures to Elementary School Children with Varying Mental Ability.
Project Director: Downs, W. A.
Organization: Central Missouri State Univ., Warrensburg.
Funding Period: Start Date 1 Mar 74; End Date 28 Feb 75

Upon completion of the project, students and participants will be able to describe the basic advantages of the International System of Units; be able to measure length, weight, area, volume, and temperature; and assess their change in attitude toward the system. Curricular resource materials will be gathered; the development of evaluation instruments will be initiated; and data will be collected and analyzed.

SB002849 **VTP-1231**

Entry-Level Competencies in Clothing Related Careers Needed by Graduates of Secondary Occupational Programs and Area Vocational Schools in Missouri.
Project Director: Waldrom, Joyce
Organization: Northwest Missouri State Univ., Maryville.
Funding Period: Start Date 1 Apr 74; End Date 30 Jun 75

The objectives of this project are to determine the clothing careers which students are entering after graduation, determine the competencies that are needed to perform required tasks, and suggest implications for preparation of teachers of textile and clothing courses. A sample of graduates, employers, and teachers will be interviewed. Student and teacher questionnaires will also be developed, implemented, tabulated, and analyzed.

SB002850 **VTP-1232**

Follow-Up of University of Missouri-Columbia Business Education Program Entrants and Graduates from September 1, 1964 through June 30, 1974.
Project Director: Behymer, Jo
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 1 Sep 74; End Date 31 Aug 75

The goals of this project are to initiate longitudinal follow-up procedures for business education entrants and graduates and to secure a data base in order to make decisions in program planning in business education. This study is the first step in the development of longitudinal follow-up procedures for entrants and graduates. A questionnaire will be developed to obtain data from these subjects.

SB002851 **VTP-1233**

A Slide/Tape Presentation on Computerized Accounting Applications.
Project Director: Leker, Aldo W.
Organization: Longview Community Coll., Lee's Summit, Mo.
Funding Period: Start Date 1 Jun 74; End Date 1 Sep 74

The purpose of this project is to prepare a slide/tape presentation documenting and highlighting selected computerized accounting system applications. The scope of the project, based on time and cost elements, will be determined; and the number of systems to be studied and documented will be determined and selected. Interviews will be conducted with the key operating personnel to learn the operation of the system.

SB002852 **VTP-1469**

A Survey of Adding, Calculating, and Accounting Machines Being Used in Kansas City Area Businesses.
Project Director: McGaugh, Elwyn R.
Organization: Metropolitan Junior Coll. District, Kansas City, Mo.
Funding Period: Start Date 1 Jun 74; End Date 31 Aug 74

The goal of this project is to survey the area businesses to determine what types and how many of each type of adding, calculating, and accounting machines are presently in use. An investigator will construct a questionnaire to send to area businesses to determine this data.

SB002853 **VTP-1472**

Feasibility Study on the Need for Developing a Curriculum for Corrections Personnel and the Type of Curriculum Necessary for Institutional Correctional Personnel.
Project Director: Hair, Richard L.
Organization: Metropolitan Junior Coll. District, Kansas City, Mo.
Funding Period: Start Date 1 Mar 74; End Date 1 Jun 74

The objectives of this project are to determine the need for establishing a curriculum for persons functioning in direct group supervisory correctional positions and to determine the type of curriculum that will best assist them. Contacts with all correctional administrators will be initiated, a committee of representatives will be established, and a proposed curriculum will be discussed and implemented if need and practicality can be determined.

SB002854 **VTP-1316**

A Career Awareness Model Incorporating Constructional Activities in Grades K Through Six.
Project Director: Miller, F. Milton
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 1 Feb 74; End Date 30 Jun 75

The purposes of this project are to review selected career education projects that include the use of construction activities; identify the activities that have been most effective in facilitating the projects; identify tools, materials, and skills needed when utilizing the activities; and develop an inservice model for a program which will facilitate the achievement of career awareness objectives. Local school districts will be provided with multimedia inservice packages.

SB002855 **VTP-1317**

The Career Planning Function of Selected Practical Arts Programs in Southwest Missouri.
Project Director: Drake, Lawrence C.
Organization: Southwest Missouri State Univ., Springfield.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of this project is to ascertain what instructional techniques secondary youth are being exposed to through practical arts programs that contribute to individual career planning processes. All consenting student bodies will be surveyed to obtain this information. A structured interview will be conducted of selected instructors. The data will be analyzed, recommendations will be made, and a report will be written and disseminated.

SB002856 **VTP-1302**

Career Planning Profile Study.
Project Director: McDonald, Marvin
Organization: Missouri Western Coll., St. Joseph.
Funding Period: Start Date 1 Jul 74; End Date 31 Dec 75

The goal of this project is to randomly select three subgroup populations and, through administration, interpretation, and careful follow-up, determine whether or not the additional battery of data supplied by the Career Planning Profile is effective and will allow students to select majors earlier in their college experience and with more permanency. The results will be compared to statistics already compiled on the average student.

SB002857 **VTP-1465**

A Competency-Based, Criterion-Referenced Instructional Model for Careers in Agricultural Mechanization.
Project Director: Shinn, Glen C.
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 1 May 74; End Date 30 Apr 75

The objectives of this project are to develop a comprehensive catalog of competencies pertinent to the farm and industrial equipment occupations cluster, determine priority competencies using a random sample of employers-employees, and develop a catalog of performance objectives from the competency list which can be used to plan educational programs.

SB002858 **VTP-1464**

An Analysis of Factors Influencing Costs of Delivering Vocational-Technical Programs Among Missouri Junior Colleges.

Project Director: Osburn, Donald D.
Organization: Missouri Univ., Columbia. Dept. of Practical Arts and Vocational-Technical Education.
Funding Period: Start Date 1 May 74; End Date 1 Jan 75

The aim of this project is to determine factors that influence costs of delivering vocational education among junior college districts. Because many factors influence costs, a multivariate analysis will be required to estimate the net influence of each factor on costs. Costs will be specified as cost per student as well as total cost.

SB002859 **VTP-1463**

Conceptual Model of an Individualized Diagnostic-Remedial Computational Skills Program for Students in Selected Vocational Classes.
Project Director: Wood, Albert P.
Organization: Kansas City School District, Mo.
Funding Period: Start Date 27 May 74; End Date 23 May 75

The goal of this project is to implement and evaluate an instructional system for the development of basic mathematical competencies identified as essential to the successful job performance of entry workers in selected occupations. A sequential skills outline and an adjusted basic mathematics skills inventory will be completed and prepared for each class. Individualized instruction will be prepared for each student, and occupationally oriented materials will be prepared for each skill.

SB002860 **VTP-1223**

Work Concepts of Children.
Project Director: Jordan, Thomas E.
Organization: Missouri Univ., St. Louis.
Funding Period: Start Date 1 Feb 74; End Date 2 Aug 74

The aim of this project is to identify salient features of preschool home background which influence the knowledge of work. These factors will be identified through acquiring independent variables, researching management and supervision, training staff examiners, and compiling data on selected personal and home characteristics of target children. The data and statistical findings will be analyzed, and a formal report will be prepared.

SB002861 **VTP-1224**

A Study of the Status of Vocational Education in St. Louis Public Schools.
Organization: Saint Louis Public Schools, Mo.
Funding Period: Start Date 1 Mar 74; End Date 30 Apr 75

The objectives of this project include determining the extent of placement activities, personnel involved, statistics of success, and possible changes in curriculum needed, strengthening the career education concept among elementary teachers, and studying the delivery systems of vocational education at the postsecondary level. A basis for recommendations and basic statistical data will be provided to employing community organizations and educators.

SB002862 **VTP-1229**

Career Development in Brentwood.
Project Director: Bentz, Raymond E.
Organization: Brentwood Public School, Mo.
Funding Period: Start Date 18 Mar 74; End Date 31 May 74

The goals of this project are to motivate fourth through sixth graders to become interested in the world of work and develop an appreciation for work, assist each student in gaining self-awareness, and encourage students to explore career opportunities and choose and research a career that interests them. Resource persons will be invited to the classroom to present audiovisual and career education materials.

SB002863 **VTP-1230**

Needs Assessment Inventory for Career Education.
Project Director: Fox, James H., Jr.
Organization: Kirkwood R-7 School District, Mo.
Funding Period: Start Date 1 Jan 74; End Date 30 Apr 74

The objective of this project is to identify career education needs of students. A needs assessment inventory will be developed from an open-end questionnaire. A closed-end questionnaire will be developed from the information obtained through the open-end survey and tabulated to devise the curricula that are indicated by the data.

SB002864 **VTP-1296**

Cable T.V., A Media Approach to Communicating Job Development and Placement Services to Employers and to the Community.
Project Director: Montgomery, Travis
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 1 Jan 74; End Date 30 Sep 74

The goal of this project is to produce six color television commercials communicating to employers, school personnel, and the community the objectives of the high school Job Development and Placement Program being implemented in area high schools. Staff members will write the scripts and produce the commercials.

SB002865 **VTP-1297**

Investigation of Needs of the City of St. Louis for Paraprofessionals in Home Economics.
Project Director: Richey, Robert D.
Organization: Saint Louis Junior Coll. District, Mo.
Funding Period: Start Date 2 Jan 74; End Date 19 Jul 74

The aim of this project is to investigate the needs of the community for paraprofessionals in home economics. A full-time project director will conduct the project. The study survey will include high schools and groups whose input would be valuable in determining needs. One or more postsecondary curricula will be designed to meet the identified needs.

SB002866 **VTP-1301**

Parkway's Business Speakers Resource Bureau.
Project Director: Tooley, Norman
Organization: Parkway School District, Mo.
Funding Period: Start Date 15 Feb 74; End Date 8 Jun 74

The objectives of this project are to catalogue community business leaders according to fifteen occupational clusters, determine their availability to help in the student educational process by providing career information, develop a selected business resource committee, and develop a handbook that would provide teachers with a list of accessible speakers. A mail survey will be created and administered, and several businesses will be visited.

SB002867 **VTP-1298**

Parent and Teacher Attitudes Toward Career Education.
Project Director: Fulton, Barbara J.
Organization: Missouri Univ., St. Louis.
Funding Period: Start Date 1 Mar 74; End Date 1 Feb 75

The purposes of this project are to accurately and efficiently record both parent and teacher attitudes toward career education and determine if differences in attitude are the result of the program in which either is participating or are due to extraneous factors. The procedures include developing, revising, and printing an attitude survey and administering it to a random sample of parents and teachers.

SB002868 **VTP-1300**

Analysis of Mathematical Skills in Mechanical Engineering Technology (MET) at Florrisant Valley Community College.
Project Director: Limburg, Robert C.
Organization: Saint Louis Junior Coll. District, Mo.
Funding Period: Start Date 1 Jun 74; End Date 31 Aug 74

The objectives of this project are to conduct a systematic research of all math-oriented course materials in the MET program, analyze current math skills that are both needed and being taught, determine the areas of skill strengths and weaknesses, and determine if any new math skills are required. The procedure will consist of interviewing employers of previous students and analyzing the research data to determine what skills are needed.

SB002869 **VTP-1299**

A Comparative Cost-Benefit Study of Secondary One Year and Two Year Distributive Education Programs in Missouri.
Project Director: Osburn, Donald D.
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 1 Apr 74; End Date 30 Dec 74

The goals of this project are to determine the per student cost of graduates in distributive education programs, the benefits for graduates in the program, if the graduates in the programs are employed in the field in which they were trained, the relationship with respect to investment criteria of the two-year program and the one-year

program, and the training plans used in the programs.

SB002870 VTP-1323

Radio Programs and Informational Audio Materials on Career Education Opportunities in Phelps County.
Project Director: Schowengerdt, George
Organization: Missouri Univ., Rolla.
Funding Period: Start Date 29 Apr 74; 30 Dec 74

The aims of this project are to produce feature radio programs on the career education opportunities in the county, prepare and duplicate audio tapes describing the career opportunities, and distribute audio cassette copies of the tapes to locations where they will be available to individuals needing career information. The development of the materials will be accomplished by visiting with students, teachers, and administrators involved with each of the training programs.

SB002871 VTP-1324

A Program to Obtain Industrial Input in Program Development.
Project Director: Livingston, R. T.
Organization: Linn Technical Coll., Mo.
Funding Period: Start Date 24 Sep 73; End Date 7 Jun 74

The objective of this project is to design a mechanism to involve industrial personnel in the developmental stage of program planning. Ten members of the industrial community will address themselves to a comprehensive agenda and then be open to questions. The results will be finalized in booklet form for dissemination.

SB002872 VTP-1325

Development of an Individualized Instruction Module: Use of the Metric System: Weight, Linear, and Volume.
Project Director: Pruitt, Melba
Organization: Saint Louis Junior Coll. District, Mo.
Funding Period: Start Date 10 Jun 74; End Date 28 Jun 74

The purpose of this project is to develop an individualized teaching module on use of the metric system. The limits will be defined, the objectives will be written, and the method of presentation for meeting the objective will be determined.

SB002873 VTP-1326

Phelps County Vocational Development Clinic.
Project Director: Van Matre, Gene
Organization: Missouri Univ., Rolla.
Funding Period: Start Date 11 Mar 74; End Date 13 Sep 74

The objectives of this project are to provide short-term vocational counseling for information and decision making to out-of-school youth and adults, provide resource persons with the opportunity and experiences to assess the need for coordinated effort in providing services, and obtain data relative to career development needs of this population. A staff of resource people, representing agencies with pertinent information, will conduct a three-day clinic.

SB002874 VTP-1327

Career Training and Placement for Handicapped Students.
Project Director: Gooden, Benny L.
Organization: Montgomery City Public Schools, Mo.
Funding Period: Start Date 1 Sep 74; End Date 1 Jun 75

The goals of this project are to determine local employer attitudes toward the employment of handicapped juveniles, discover what opportunities are most appropriate and locally available, and determine what pre-employment experiences are required for effective placement of handicapped students. A survey of employers' attitudes toward the handicapped will be administered, analysis of employment opportunities will be conducted, and individualized training programs will be designed.

SB002875

Career Training and Placement for Handicapped Students.
Project Director: Gooden, Benny L.
Organization: Three Rivers Community Coll., Mo.
Funding Period: Start Date 1 Sep 74; End Date 1 Jun 75
Contract and/or Control No.: 1141

The objectives of this project are to determine local employer attitudes toward the employment of handicapped juveniles, discover what opportunities are most appropriate and locally available, and determine what pre-employment experiences are required for effective placement of handicapped students. An attitude survey of employers toward the handicapped will be administered, analysis of employment opportunities will be conducted, and individualized training programs will be designed.

SB002876 VTP-1328

A Pilot Program to Develop a State Model of Leadership Development for State and District Officers and Advisors of Vocational Youth Organizations in Missouri.
Project Director: Elias, John E.
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of this project is to develop a state model of leadership development for state and district officers and advisors of vocational youth organizations. Those leadership skills common to advisors and officers of vocational youth organizations will be identified and developed into instructional programs. Joint conferences for the advisors and officers will be conducted.

SB002877 VTP-1329

Missouri Vital Information for Education and Work - Missouri Occupational Training Information System (MOview-MOTIS).
Project Director: Lawson, Thomas J.
Organization: Hazelwood School District, Mo.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project proposes to design and place on microfilm an occupational information system that can be modified as needs change, develop a sampling questionnaire to determine the reaction of students to the scripts, develop and print a guidebook for teachers and a handbook for students, and conduct a workshop to implement a prototype of the system. The director will send out questionnaires, select specific vocations and develop scripts on them, and conduct the workshops.

SB002878

Analysis of Student Mathematical Skills in Civil Engineering Technology at Florissant Valley Community College.
Project Director: Matejcic, John J.
Organization: Saint Louis Junior Coll. District, Mo.
Funding Period: Start Date 20 May 74; End Date 19 Jul 74

The purpose of this project is to ascertain whether the Mathematics Division at Florissant Valley Community College is meeting the needs of the college's Civil Engineering Technology students. The objectives include examining the mathematically related objectives of the Civil Engineering Technology curriculum, examining the objectives covered in the mathematics courses taken by Civil Engineering Technology students, comparing the two curricula, and making recommendations to the Mathematics Division for course revision or design of modules of materials to be used in the math laboratory.

Fiscal Year 1975

SB002879 VTP-1873

The Demand For and Job Opportunities of Graduates of a Two-Year Curriculum in Occupational Safety Technology in the Metropolitan St. Louis Area.
Project Director: McMahon, Herbert V.
Organization: Saint Louis Junior Coll. District, Mo.
Funding Period: Start Date 20 May 74; End Date 20 Aug 75

The objective of this project is to evaluate job opportunities and industrial demands for graduates of a curriculum in Occupational Safety Technology. In order to supply the local community with personnel trained in occupational safety, an evaluation of the needs and job opportunties must be compiled. This evaluation will use a survey format including both letter and personal visits.

SB002880 VTP-1872

Second Year Study of the In-Service Education Model for the Dissemination and Utilization of Career Information in the Elementary School Through Career Clusters.
Project Director: Downs, W. A.

Organization: Central Missouri State Univ., Warrensburg.
Funding Period: Start Date 1 Sep 74; End Date 31 Aug 75

The goals of this project are to increase student self-awareness and increase students' awareness of the career options available in the world of work. The second year of the project will utilize the same elementary teachers and students as the first year. Basic data on students will be gathered, community resources will be contacted and scheduled, handout materials will be prepared, and the students will be pre- and posttested.

SB002881 **VTP-1870**

Short-Term Specialized Inservice Office Occupations Training Project.
Project Director: Billington, Joann
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 31 Jan 75; End Date 31 Dec 75

The objectives of this project are to determine the short-term specialized instruction needs in the district, design units of instruction to be taught in the area, develop a list of instructional materials and consultants, and develop inservice training for thirty persons in seminars. An interview questionnaire will be developed, and key personnel will be interviewed to determine the need for training. A program to meet the identified needs will be proposed, and instructional modules will be developed.

SB002882 **VTP-1871**

A Universe Sampling of Missouri Commercial and Purebred Pork Producers to Determine Hiring Receptivity of Trained Swine Technicians from a Post-Secondary Intensive Co-Op Training Program.
Project Director: Rost, Larry
Organization: Willow Springs R-IV Public Schools, Mo.
Funding Period: Start Date 30 Nov 74; End Date 30 Mar 75

This project proposes to ascertain the competencies that swine technicians should possess and the employment possibilities for men and women possessing these competencies. A competency list, a proposed curriculum, and a comprehensive list of swine producers will be developed. An abbreviated curriculum and both a correlated and information questionnaire will be mailed to each swine producer. The outcome will be used as a justification of the need for a post-secondary swine program.

SB002883

The Development of a Multiple Use Evaluative Instrument for Assessing the Quality of Child Care Centers Serving as Laboratories for Vocational Programs.
Project Director: Kulczycki, Judith
Organization: Florissant Valley Community Coll., St. Louis, Mo.
Funding Period: Start Date 1 Nov 74; End Date 15 Aug 75
Contract and/or Control No.: 2122

The purpose of this project is to develop an instrument for assessing the quality of a child care center used as a laboratory for a child care services program. Three evaluative questionnaires will be developed: a parent evaluation providing suggestions from the clientele, a Center teacher evaluation providing a self-evaluation on the strengths and weaknesses of the program, and an administrative evaluation providing a qualitatve measure of the developmental program. The instrument will be developed and pilot tested at the Florissant Valley Child Development Center.

SB002884 **VTP-1868**

A Followup Study of Graduates of the Department of Practical Arts and Vocational-Technical Education at the University of Missouri.
Project Director: Robinson, Joseph C.
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 1 Feb 75; End Date 31 Jul 75

The objective of this project is to conduct a follow-up study of graduates of the department and a follow-up study of the graduates' employers. A selected group will assist in critiquing the departmental objectives and criterion questions. Questionnaires will be developed, field tested, and mailed. Data will be analyzed, and comparisons will be made.

SB002885 **VTP-1869**

Development of a Bibliography of Curriculum Materials and Equipment Suppliers for Distributive Education.
Project Director: Elias, John. E.
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 1 Mar 75; End Date 31 Jul 75

The goal of this project is to prepare a bibliography of available materials on distributive education classroom facilities and equipment that are useful for teacher/coordinators. Differences in cost between state and national manufacturers will be compared and evaluated, and data will be analyzed in regard to the research questions.

SB002886 **VTP-1866**

Interaction Analysis in the Simulated Teaching Situation Vs. the Student Teaching Situation.
Project Director: Stewart, Bob R.
Organization: Missouri Univ., Columbia. Dept. of Practical Arts and Voctional-Technical Education.
Funding Period: Start Date 1 Feb 75; End Date 31 Jul 75

The objectives of this project are to develop a unit on interaction analysis and teaching to be included as a part of the preservice program for teachers of vocational agriculture and measure, with a pre- and posttest, the improvement of teaching skills obtained from a series of simulated teaching situations. The various systems available will be reviewed, and the most appropriate system will be selected.

SB002887 **VTP-1863**

A Follow Up Study: Counselor Education Program at Central Missouri State University.
Project Director: Winans, A. Paul
Organization: Central Missouri State Univ., Warrensburg.
Funding Period: Start Date 2 Dec 74; End Date 15 Dec 75

In this project, information will be gathered from graduates of the counselor education program regarding the type of employment, usefulness of the training program, suggestions for improving the program, and recommendations for future studies in the program. A questionnaire and letter will be mailed to all members of the sample, and responses will be analyzed and tabulated.

SB002888 **VTP-1865**

An Educational Needs and Interest Assessment of Significant Parties in the Brentwood School District.
Project Director: Bentz, Raymond E.
Organization: Brentwood Public Schools, Mo.
Funding Period: Start Date 12 Mar 75; End Date 28 May 75

The goals of this project are to develop an information-gathering procedure to facilitate career education planning; secure input concerning student needs, parental aspirations, teacher concerns, and business and professional interests; secure support to aid development of the program; and identify the strengths and weaknesses of the present curriculum design. Survey instruments and an in-depth interview technique will be developed. The results will be used to determine long-range goals and objectives in vocational education.

SB002889 **VTP-1864**

A Proposal to Assess the Needs of Students in Ten School Districts.
Project Director: Harrison, Lindell
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 1 Dec 74; End Date 31 May 75

The goals of this project are to provide the schools with a survey to administer for evaluation of their students' needs; collect data for district school and the career education project to be used in developing objectives for curriculum materials; and construct a general evaluation of current curriculum, guidance programs, and educators as related to student needs. The survey will be administered to randomly chosen high school students. Future activities will be designed around the results of the survey.

SB002890 **VTP-1859**

A Cooperative Project to Determine the Feasibility of Developing and Testing a Statewide Job Development and Placement Model for Secondary and Post-Secondary Vocational-Technical Students in Selected Areas of Missouri.

Project Director: Fielding, Marvin R.
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 30 May 75; End Date 30 Nov 76

This cooperative project will determine the feasibility of planning, developing, and implementing a state-wide job development and placement model for secondary and postsecondary vocational and technical students. This two-phase project will study placement systems and information to determine the most effective procedures that could be used in the model. A manual will be developed, and workshops will be held.

SB002891 **VTP-1936**

Missouri Vital Information for Education and Work - Missouri Occupational Training Information System (MOview-MOTIS).
Project Director: Lawson, Thomas J.
Organization: Hazelwood School District, Florissant, Mo.
Funding Period: Start Date 1 Jun 75; End Date 30 Jun 76

The objectives of this project are to at least double the size of the MOview-MOTIS microfilm retrieval system's aperture card deck; refine the student questionnaire, teacher and counselor handbooks, and student self-instruction handbook; complete the MOview-MOTIS student interest finder index; and deliver the complete deck. The procedures will be to formulate the general design of the study and indicate why this design appears particularly appropriate.

SB002892 **VTP-1909**

School/Community Career Research Project.
Project Director: Huffman, Edward
Organization: Ferguson Reorganized School District R-2, Mo.
Funding Period: Start Date 3 Feb 75; End Date 20 Jun 75

This Level I research project is directed toward furnishing the school district with an understanding of the types and levels of skills and concepts needed for entry into various careers, descriptions of cognitive and affective outcomes of existing curriculum, a capability of analyzing the relationships between student competency levels and teacher cognitive goals, and the ability to define and sequentially arrange skill competencies for various careers.

SB002893 **VTP-1923**

Selection of Instructional Content for Graphic Arts Education for the Secondary Schools of Missouri as Agreed Upon by Industrial Leaders and Educators.
Project Director: Keseman, Charles E.
Organization: Central Missouri State Univ., Warrensburg.
Funding Period: Start Date 1 Oct 74; End Date 31 Aug 75

The objectives of this project are to identify a list of instructional content which students may be expected to learn in the secondary school graphic arts program, determine the graphic arts content which should be included in the program, and make available a body of content from which a curriculum guide and guidelines may be derived. A list of curricular content will be identified through a search of current materials. A reaction panel will be formed to be interviewed as a pilot group.

SB002894 **VTP-1922**

Introduction to Individualized Business and Office Materials.
Project Director: Evans, Shirley
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 1 Jul 74; End Date 31 Jul 74

The goal of this project is to provide information regarding office simulation procedures to business and office teachers. The product to be developed will be a publication containing procedures, course descriptions, competencies to be developed, equipment and supplies needed, and other pertinent information for the creation of a model office.

SB002895 **VTP-1921**

A Study to Determine the Certification Standards Required for Local Administrators of Vocational Education.
Project Director: Elias, John E.
Organization: Missouri Univ., Columbia. Dept. of Practical Arts and Vocational-Technical Education.
Funding Period: Start Date 1 Jun 75; End Date 30 Jun 76

The purpose of this project is to determine if there is a need for a planned program of education leading to certification as a local administrator of vocational education. A modified Delphi technique will be developed to determine the measure of agreement between various vocational administrators concerning the desired role in the school organization for the local administrator of vocational education and the identified curriculum.

SB002896 **VTP-1919**

A Pilot Study on the Feasibility of Competency Testing of Trade Teachers in the State of Missouri.
Project Director: King, Franklin J.
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 10 Nov 74; End Date 9 Nov 75

The objectives of this project are to determine if seventy or more current and potential trade and industrial teachers will respond to an invitation to validate their trade competencies by participating in this pilot study and endorse this procedure for certifying competencies. Competency tests will be administered to the teachers. Based upon a report of the experiences of the pilot testing, officials will judge whether or not a competency testing procedure is feasible.

SB002897 **VTP-1920**

Preparation of a Sound-On Slide Tape as a Media for Effectively Communicating Career Information and Opportunities Available at the Two Vocational-Technical Schools of St. Louis County.
Project Director: Weissman, Alfred N.
Organization: Saint Louis County Special School District, Mo.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to provide information which will enable students to become aware of the opportunities available at technical schools, utilize the method of audio-visual presentations, and provide information relating to activities which will enable students to make appropriate career choices. Presentations will be made to tenth grade classes, and a survey will be conducted after the presentation. A control and an experimental group will provide the basis for comparing presentation effectiveness.

SB002898

Fit and Flattery for the Over Fifties: Dress Pattern Alterations Related to Physical Characteristics of Older Women.
Project Director: Nugent, Elinor R.
Organization: Missouri, Univ., Columbia. Dept. of Practical Arts and Vocational-Technical Education.
Funding Period: Start Date 20 Jan 75; End Date 21 Feb 75
Contract and/or Control No.: 2217

The purpose of this project is to provide information regarding dress pattern alteration procedures to teachers of extension and adult education groups in Missouri and other requesting states. A bulletin containing the methods and procedures for adapting dress pattern alterations to the figure variations characteristic of women over fifty will be developed and disseminated.

SB002899

Women and Career Options: A Research Project to Facilitate Upward Mobility for Women.
Project Director: Walters, Nancy R.
Organization: Central Missouri State Univ., Warrensburg.
Funding Period: Start Date 1 May 75; End Date 31 Mar 76
Contract and/or Control No.: 1238

The objectives of this project are to examine the attitudes and stereotypic assumptions about women workers that vocational educators and administrators may hold, promote better understanding about women in the labor force, develop facilitative approaches in communicating with women, develop an understanding of group processes and interaction, understand the effects of upward mobility on individual women and their families, and continue the growth process by follow-up back on the job. To accomplish these goals, approximately 125 vocational educators and administrators will participate in training sessions consisting of group activities in human relations.

SB002900

Development of Curriculum Guide Material for an Industrial Arts Course in Home Maintenance and Repair.
Project Director: Sherrell, Eugene G.

Organization: Southwest Missouri State Univ., Springfield, Dept. of Industrial Education.
Funding Period: Start Date 1 Mar 75; End Date 1 Mar 76
Contract and/or Control No.: 1245

The objectives of this project are to determine what information has been developed relating to the service occupations required in home maintenance and repair and to collect such information and develop content materials that may be used in an industrial arts curriculum guide. Procedures include developing a survey instrument to collect information concerning competencies required in this field and consulting with educators in the field of home maintenance and repair to develop course outlines, content, and references.

SB002901

The Purposes and Functions of the Area Vocational-Technical School in Industrial Development.
Project Director: Wilson, Robert E.
Organization: Missouri Univ., Columbia. Dept. of Practical Arts and Vocational-Technical Education.
Funding Period: Start Date 1 Mar 75; End Date 30 Sep 75
Contract and/or Control No.: 2210

This project is designed to compare the perceptions of school administrators, community industrial development officers, and industrial relations managers in the state regarding the purposes and functions of the area vocational and technical schools in industrial development. The project will develop an instrument to collect data on the purposes and perceptions of participants, survey selected school administrators and industry personnel, and tabulate and analyze the results of the survey.

SB002902

The Effectiveness of a Combined Vocational Youth Organization Leadership Conference.
Project Director: Elias, John
Organization: Missouri Univ., Columbia. Dept. of Practical Arts and Vocational-Education.
Funding Period: Start Date 1 Jun 75; End Date 31 Dec 75
Contract and/or Control No.: 1253

The primary objective of this project is to develop a model of leadership development for state and district officers and advisors of vocational youth organizations in Missouri which can be operated and implemented by the appropriate staff of the Divison of Career and Adult Education. Procedures will include conducting a combined leadership development conference for selected officers of DECA, FBLA, FHA, and VICA; presenting a vocational teacher workshop; and conducting an evaluation to determine the effects of the leadership training activities upon the officers and advisors.

SB002903

A Comparison of Instructional Approaches to Teaching the International System of Weights and Measures to Elementary School Children With Varying Mental Ability.
Project Director: Downs, W. A.
Organization: Central Missouri State Univ., Warrensburg.
Funding Period: Start Date 1 Mar 75; End Date 31 Aug 75
Contract and/or Control No.: 1254

The purpose of this study is to determine the relative effect of two different instructional approaches teaching the International System of weights and measures on the achievement of high and low ability students, grades 4-6. The project will compare the instructional approach which teaches the international system of units alone with an approach which compares the international system with the customary system. The information will be presented through a series of sixty filmstrips developed for the project.

SB002904

Relationships of the Meaning and Value of Work, Job Satisfaction, and Productivity as Perceived by Vocational Education Graduates and Teachers.
Project Director: Kazanas, H. C.
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 1 Jul 74; End Date 30 Nov 74
Contract and/or Control No.: 1252

This project is designed to disseminate research findings relative to the meaning and value of work, job satisfaction, and productivity as perceived by vocational education seniors, teachers, and graduates. The information will be made available to higher education institutions, state divisions of vocational education, vocational teachers and counselors, and selected comprehensive high school principals. Assistance requested in integrating such research information into vocational education programs will be provided.

SB002905

Operation Guidance Career Development Unit Workshop.
Project Director: Arni, Thomas J.
Organization: Rock Bridge Senior High School, Columbia, Mo.
Funding Period: Start Date 19 Aug 75; End Date 20 Aug 75
Contract and/or Control No.: 2218

The purpose of this project is to organize and conduct a two-day teacher workshop to develop and write specific career development units for the Rock Bridge High School's career education program, Operation Guidance. The objectives are to inform and update the faculty on the rationale and objectives of career education, review with the faculty the process and progress of Operation Guidance, and write career development units specific to subject areas based on current development behavioral objectives.

SB002906 **VTP-1867**

Doctor? Lawyer? Indian Chief?
Project Director: Kliefoth, Cheryl
Organization: Jennings School District, Mo.
Funding Period: Start Date 1 Jan 75; End Date 30 Jan 75

This project proposes that students in the fifth and sixth grades will make a mean gain of one raw score point in the areas of personal awareness, awareness of community occupations, and awareness of unusual occupations. From the results of a survey, a practical career awareness packet will be developed in each of the three areas. A counselor will meet with the classes to implement the packets.

SB002907 **VTP-1874**

Development and Dissemination of a Farm Record Analysis System.
Project Director: Osburn, Donald D.
Organization: Missouri Univ., Columbia. Dept. of Practical Arts and Vocational-Technical Education.
Funding Period: Start Date 1 Sep 74; End Date 31 Aug 75

The purpose of this project is to develop a record system to be utilized by vocational agriculture day students and adult farmers. Initial efforts will be concerned with a review of the theory of accounting systems, providing the basic underpinnings for evaluating current systems, and developing new approaches. Analysis forms will be formulated after the basic forms are developed.

SB002908

Printing and Dissemination of Competencies, Units of Instruction and Suggested Methods of Use in Developing Agri-Business and Farm Management Curriculums.
Project Director: Gibson, Roscoe R.
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 11 Apr 75; End Date 30 May 75
Contract and/or Control No.: 1251

This project is designed to disseminate to the instructional staff of higher learning institutions and the staff of the Missouri State Department of Elementary and Secondary Education information regarding the competencies and skills necessary for successful employment in the agribusiness areas of farm management; agriculture mechanics; ornamental horticulture; agri- sales; and grains, seeds, feeds, fertilizer agri-chemical and supply businesses. Suggested methods to upgrade and revise instructional curriculum will also be provided as an instructor's handbook.

Fiscal Year 1976

SB002909 **VTP-2514**

Evaluation Hotel-Restaurant Graduates.
Project Director: Miller, Jack
Organization: Forest Park Community Coll., St. Louis, Mo.
Funding Period: Start Date 1 May 76; End Date 30 Apr 77
Contract and/or Control No.: 2232

This project will contact graduates of the Forest Park Community College Hotel Motel Program to determine the graduates' present occupations, the program's effectiveness for the graduates, and meth-

ods for increasing the program's enrollment of blacks and women. This evaluation will enable the program to build in consultative and career guidance functions for the population it now serves.

SB002910

A Proposal for the Revision of the Mediated and Individualized Soils Course.
Project Director: Schwindt, Robert C.
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 1 Jun 76; End Date 31 Jul 76
Contract and/or Control No.: 1294

The objectives of this project to revise the present individualized instruction materials on soils are to (1) determine the specific competencies to be taught in the basic soils course, (2) review and revise the stated competencies for each soils module, (3) standardize the module format, (4) revise present written information sheets in the soils modules, (5) review and revise the learning activities, (6) improve audiovisual materials for the soils module, and (7) revise student evaluation methods used in the soils modules.

SB002911 **VTP-2517**

A Study of the Effectiveness of Mobile Teaching Education Units as Related to the Development and Implementation of a Model Consumer Education Mobile Unit.
Project Director: Crimmins, Brenda
Organization: Florissant Valley Community Coll., St. Louis, Mo.
Funding Period: Start Date 7 Jun 76; End Date 30 Jun 77

The objectives of this project are to (1) determine and summarize the success and effectiveness of consumer education mobile units and other related mobile teaching units currently in operation; (2) conduct and evaluate a pilot project using an experimental consumer education mobile unit in the Florissant Valley Community College service area; (3) design, develop, and operate a model demonstration mobile unit in the St. Louis Metropolitan area; and (4) develop a set of general guidelines for setting up an effective mobile unit, using the consumer education mobile unit as an example.

SB002912

Field Validation of the Career Education Curriculum Project Modules: Phase I K-6 Curriculum.
Project Director: Wellman, Frank E.
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 1 Jun 76; End Date 31 Jan 77
Contract and/or Control No.: 1293

The purpose of Phase I of this project is to develop an evaluation product for the Career Education Curriculum Project modules which cover grades K-6. The specific objectives of this project include developing performance objectives and test items for assessing pupil achievement of career education outcomes from curriculum module instruction; developing and refining process and outcomes from curriculum module instruction; developing and refining process and outcome evaluation instruments to evaluate curriculum module concepts, materials, and procedures; and designing a plan for field validation of the career education curriculum modules.

SB002913

Computer Application to a Job Placement Service.
Project Director: Harrison, Lindell
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 1 Jan 76; End Date 31 Dec 76
Contract and/or Control No.: 1291

This project proposes to determine the feasibility of developing and testing a model of a computerized system for a state-wide job placement service in selected areas of Missouri. After programs have been written and tested, the successful programs will become the nucleus of computer programming for the state-wide system. The project will attempt to determine if the use of the system will expedite handling of a large volume of job orders and applications, and facilitate collecting and disseminating job information.

SB002914

Volunteer Corps in Career Areas.
Project Director: Bolden, Otis L.
Organization: Forest Park Community Coll., St. Louis, Mo.
Funding Period: Start Date 4 May 76; End Date 4 Apr 77
Contract and/or Control No.: 2236

This project proposes to identify specific staff with expertise in career areas to serve as a volunteer corps to visit community agencies and organizations requesting career information. The volunteers will provide information about projected occupational and career trends, and consultants from local occupational and career areas and community agencies will be used to provide workshops and seminars focused on metropolitan needs.

SB002915

Staff Development: Occupational and Career Programs.
Project Director: Miller, Daniel
Organization: Forest Park Community Coll., St. Louis, Mo.
Funding Period: Start Date 4 May 76; End Date 4 Apr 77
Contract and/or Control No.: 2235

This project proposes to determine the staff development activities that have been successful in recruiting minorities and women and maintaining programs for this target group in career and occupational areas. Onsite visits will be made to Metro-East and Missouri colleges to seek information on the strategies these colleges have successfully developed relating to minorities. This information will then be used to develop and implement similar staff development activities at Forest Park Community College.

SB002916

Printing of Career Education Modules for Teacher and Counselor Education.
Project Director: Gysbers, Norman C.
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 1 May 76; End Date 31 Aug 76
Contract and/or Control No.: 1292

This project will print and make available for distribution career education modules for teachers, counselors, and administrators. The modules are being developed as a result of a previous project (1271) funded through the Research Coordinating Unit, Missouri Department of Elementary and Secondary Education. The project will also prepare promotional material to assist in the dissemination process.

SB002917 **VTP-2217**

Preparation and Testing of Career Education Modules for Teacher and Counselor Education.
Project Director: Gysbers, Norman C.
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 1 Sep 75; End Date 31 Aug 76

The objectives of this project are to continue to develop, field test, revise, and complete career education modules for instruction and guidance programs at the junior high school level; identify and select career education concepts appropriate for instruction and guidance programs at the high school level; and develop, field test, revise, and complete career education modules for instruction and guidance programs at the senior high school level.

SB002918

Feasibility Study for the Addition of a Horticulture Therapy Option to the Horticulture Career Program.
Project Director: Appleton, Bonnie,
Organization: Meramec Community Coll., St. Louis, Mo.
Funding Period: Start Date 1 Mar 76; End Date 31 Jul 76
Contract and/or Control No.: 2240

Project objectives are to determine the need for graduates of a proposed horticulture therapy option program in hospitals, clinics, and other institutions in metropolitan St. Louis and selected areas of Missouri; determine the extent of student interest in the program and the interest of various institutions in providing cooperative-type work experiences; and obtain information about presently successful training programs in this field.

SB002919

Development of a Work-Study Lab to Facilitate Open Entry and Open Exit in the Graphics Department of the Engineering Division at St. Louis Community College at Florissant Valley.

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Project Director: Bay, Robert R.
Organization: Florissant Valley Community Coll., St. Louis, Mo.
Contract and/or Control No.: 2239

The purpose of this project is to develop a work-study laboratory to facilitate open entry/open exit in the Graphics Department of the Engineering Divison of St. Louis Community College at Florissant Valley. A slide/tape presentation will be prepared for individualized instruction of working students who ordinarily cannot meet class schedules and time limits. Handouts for individual lessons and instruction sheets for equipment operation will also be developed and made available to students.

SB002920

A Model Plan for Effective Articulation Among High School and Post-Secondary Institutions Offering Vocational Programs.
Project Director: Kalmer, Irene
Organization: Florissant Valley Community Coll., St. Louis, Mo.
Funding Period: Start Date 1 Mar 76; End Date 30 Sep 76
Contract and/or Control No.: 2237

This project will develop an instrument for effective articulation between the St. Louis area high schools offering vocational child care programs and the Florissant Valley Community College Child Care Assistant program. The study will identify commonalities and differences of the vocational child care courses and the competency expectations at the two educational levels. The model will be refined for use in other vocational programs where articulation may be necessary.

SB002921

A Proposal for the Redesign of an Existing Course in the Environmental Technology Career Program to Provide an Additional Marketable Skill.
Project Director: Campbell, David
Organization: Meramec Community Coll., St. Louis, Mo.
Funding Period: Start Date 1 Mar 76; End Date 31 Jul 76
Contract and/or Control No.: 2241

The goal of this project is to employ the services of a consultant knowledgeable in water and wastewater treatment facilities and functions to assist in redesigning the present course in environmental technology; designing laboratory procedures for teaching practical skills in maintaining and adjusting selected equipment encountered in water and wastewater facilities; and identifying and specifying equipment, tools, and space requirements necessary.

SB002922

Competency Identification for Mid-Management Personnel - An Aid to Program Evaluation and Individualized Instruction.
Project Director: Sireno, Peter J.
Organization: Northeast Missouri State Univ., Kirksville.
Funding Period: Start Date 1 Apr 76; End Date 31 Mar 77
Contract and/or Control No.: 1280

The goal of this project is to determine the occupational competencies required of mid-management (supervisory) personnel to assist those vocational educators interested in developing and revising their mid-management programs and developing an individualized mid-management instructional program. The objectives include identifying mid-management job titles within the public and private sectors whereby occupational entry can be obtained through the completion of a preservice or inservice mid-management vocational program and identifying the occupational competencies needed by mid-management personnel.

SB002923

Work Attitudes and Occupational Aspirations of Missouri High School Home Economics Students.
Project Director: Kellett, Carol E.
Organization: Missouri Univ., Columbia. Dept. of Practical Arts and Vocational-Technical Education.
Funding Period: Start Date 1 Nov 75; End Date 31 Aug 76
Contract and/or Control No.: 2243

The purposes of this study are to describe the work values and career aspirations of Missouri high school vocational home economics students and to assess the effect of selected demographic variables on these values and aspirations. The variables selected for study include sex, family background, school, and courses taken. The resulting information will provide a basis for development or revision of curriculum.

SB002924

Feasibility Study to Determine the Feasibility of Offering Medical Office Careers Program in the Area Voc-Tech Schools.
Project Director: Dunlap, Eugene W.
Organization: Missouri State Dept. of Elementary and Secondary Education, Jefferson City.
Funding Period: Start Date 1 Jan 76; End Date 30 Jun 76
Contract and/or Control No.: 2230

The purpose of this project is to conduct a community survey to determine the feasibility of offering programs for training as medical assistants or medical records technicians in the area vocational and technical schools of St. Louis County. A one-page, eight-question statistical survey instrument will be sent to potential employers to determine employment opportunities for program graduates and to identify persons interested in assisting in program development.

SB002925

Identifying Those Students Who Need A Modified Educational Program with Vocational Goals.
Project Director: Lawson, Thomas
Organization: Hazelwood School District, Florissant, Mo.
Funding Period: Start Date 1 Dec 75; End Date 30 Jun 76
Contract and/or Control No.: 2225

To assist students who have difficulty in establishing personal or career education goals, this project proposes to identify students who have problems specifically interfering with their education; alter the instructional program to meet the unique needs of these students; place these students into classes with instructional approaches designed to develop positive attitudes; and involve parents, school staff, and community representatives in each student's program to the extent necessary to meet the needs of the individual student.

SB002926

An Investigation of the Relationship Between Self Concept, Clothing Attitudes and Practices of Physically Handicapped and Normal University Men and Women.
Project Director: Feather, Betty
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 1 Jan 76; End Date 31 Dec 76
Contract and/or Control No.: 2242

This project will investigate the self-concept of the physically handicapped to ascertain the extent to which it differs from the normal university population and to determine the relationship of self-concept with clothing attitudes. Other objectives include determining the extent to which former place of residence and socioeconomic class influence self-concept and attitudes toward clothing and whether or not self-concept has an effect upon the occupational choices of the physically handicapped.

SB002927

Development of a Performance-Based Model to Evaluate Competencies in Analysis Techniques, Selection and Organization of Subject Matter, and Teaching Methodology for Industrial Subjects.
Project Director: King, Franklin
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 18 Feb 76; End Date 18 Jan 77
Contract and/or Control No.: 1279

The objective of this project is to develop, evaluate, and revise a performance-based evaluation model to measure competencies in analysis techniques, selection and organization of subject matter, and teaching methodology. This model will be used to assess the qualification for certification of individuals who have had some course work in these areas. The model will be pilot tested at six locations including Kansas City, Sedalia, and St. Louis.

SB002928

DEDEX - A Systematic and Comprehensive Filing System for Distributive Education.
Project Director: Elias, John E.
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 18 Feb 76; End Date 18 Jan 77
Contract and/or Control No.: 1270

The principal objective of this project is to design a workable filing system for distributive education publications which can be utilized by all distributive education programs at the secondary, postsecondary, adult, and college levels. A Missouri task force committee will

be organized to identify uses of the proposed filing system. A comprehensive and systematic system will then be designed, field tested, and revised.

SB002929

Leadership Role of the Local Directors Association in the Total Vocational Program.
Project Director: Andrews, John
Organization: Pike R-III Schools, Clarksville, Mo.
Funding Period: Start Date 18 Feb 76; End Date 18 Jan 77
Contract and/or Control No.: 1277

This project is designed to assess the current role perceptions as identified by the existing and potential memberships of the Local Directors Association and to establish areas of activity which indicate future directions for the organization. Procedures include designing a survey instrument to be mailed to the association's membership to ascertain their current concept of the association, its activities, and background information.

SB002930

Development and Application of an Evaluation Model for Use with Individualized Instructional Programs in Vocational-Technical Education.
Project Director: Evans, Shirley
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 9 Jun 76; End Date 30 Jun 77
Contract and/or Control No.: 1278

The intent of this project is to develop and field test a model for the evaluation of individualized instructional programs. The model will be designed to be used and applied in the fifteen Missouri institutions currently using individualized instructional programs in business and office education and in other disciplines.

SB002931

The Development of a Missouri Facilities Guide for Program Planning and Evaluation in Agricultural Education.
Project Director: Shinn, Glen
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 1286

The objectives of this project include developing a Missouri Facility Guide for program planning and evaluation in agricultural education which includes sections dealing with each aspect of a total educational facility, identifying facilities which demonstrate exemplary planning and securing photographs and drawings of each, and developing and assembling a series of materials to be used in planning new facilities or in reorganizing and remodeling existing facilities to improve the learning environment.

SB002932

Needs and Attitudes of Selected Businesses in Respect to Vocational Education.
Project Director: Young, Phillip
Organization: Ridgeway R-V Schools, Mo.
Funding Period: Start Date 1 Jan 76; End Date 30 Apr 76
Contract and/or Control No.: 2226

The overall purpose of this study is to examine labor needs and hiring practices of selected businesses in the specified area. The information gained in this study will be used by vocational instructors in planning courses and by administrators in determining the need for additional course offerings and in giving more concrete information regarding vocational careers.

SB002933

Adaptation and Utilization of Individualized Materials in Basic Accounting Courses as a Complement to On-Going Accounting Programs.
Project Director: Pullen, Janice
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 15 Oct 75; End Date 30 Jun 76
Contract and/or Control No.: 2228

This project proposes to incorporate computer-generated individualized problems developed at the University of Missouri, Columbia, into existing vocational accounting courses taught at State Fair Community College. Specific problems will be selected for each specialized accounting class offered in the various postsecondary programs and will be utilized for both primary and remedial presentations.

SB002934

Utilization of Computer-Generated Problems in Basic Accounting Courses.
Project Director: Pullen, Janice
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 15 Oct 75; End Date 30 Jun 76
Contract and/or Control No.: 2229

This project will provide State Fair Community College with the necessary funds to purchase individualized instructional materials previously developed at Knox College. These materials will be reviewed, adapted, duplicated, and incorporated into the two-year accounting degree programs and into specialized courses for agribusiness, business and office, business management, and building materials programs. Materials will also be made available for use by associate degree program students and instructors.

SB002935

The Effectiveness of a Home Maintenance and Repair Curriculum Guide in the Teaching of Career Concepts in the Secondary Schools of Missouri.
Project Director: Sherrell, Eugene G.
Organization: Southwest Missouri State Univ., Springfield.
Funding Period: Start Date 15 Jul 76; End Date 15 Jan 77
Contract and/or Control No.: 1325

Utilizing results of the research project, "Development of Curriculum Guide Material for an Industrial Arts Course in Home Maintenance," this project will edit for publication and dissemination a curriculum guide on home maintenance and repair. Approximately 1,500 copies of the guide will be disseminated to teacher and curriculum supervisors in Missouri along with an evaluation questionaire. The returned questionnaires will be analyzed to determine the value of the guide as a source for a home maintenance and repair course.

Fiscal Year 1977

SB002936

A Cooperative Project to Determine the Feasibility of Developing and Testing a Statewide Job Development Model for Secondary and Postsecondary Vocational-Technical Students in Selected Areas in Missouri.
Project Director: Harrison, Lindell
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 1 Mar 77; End Date 30 Jun 77
Contract and/or Control No.: 1354

This project intends to increase the services, effectiveness, and range of the Cooperative Job Placement Service and to test the state-wide placement system on subsequent graduating classes. The expanded services include providing students exiting from training programs with employment opportunities from a wider geographic area, and providing employers with a supply of suitable available graduates.

SB002937 **VTP-2844**

Development and Dissemination of an Individualized Curriculum Guide to Utilize the VICA Club Achievement Program as a Method of Instruction.
Project Director: King, Franklin
Organization: Missouri Univ., Columbia.
Funding Period: Start Date 1 Feb 77; End Date 31 Dec 77

This project seeks to test the effectiveness of the Vocational Initiative and Club Achievement Program (VICAP) of the Vocational and Industrial Clubs of America (VICA) by developing individualized instructional modules for supplying occupational information related to credential documents, job interviews, employer-employee relations, business meeting procedures, and civic or trade organizational involvement. VICAP will then be tested by comparing the job placement of three groups: a VICA group with VICAP and the developed module, a VICA group without VICAP or the module, and a non-VICA group of traditional vocational students.

SB002938 VTP-2842

Assessment of Consumer Education Status and Needs of Consumer Educators in Missouri Schools.
Project Director: Martin, Betty
Organization: Missouri Univ., Columbia. Dept. of Practical Arts and Vocational-Technical Education.
Funding Period: Start Date 1 Feb 77; End Date 31 Jul 77

Under this project, two questionnaires will be sent: one to junior and senior vocational home economics and business high school teachers to compile demographic data regarding teachers of consumer education and to assess their needs for various types of assistance, and one to junior and senior high school principals to determine demographic characteristics of consumer education teachers and students and the attitude and commitment of school administrators toward consumer education. A review of related literature will be conducted.

SB002939

A Proposal to Provide a Curriculum Development Workshop for Vocational Technical Faculty.
Project Director: Hibdon, Nila
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 19 Jan 77; End Date 28 Feb 77
Contract and/or Control No.: 2265

This project will sponsor an inservice workshop to upgrade the instructional and curriculum development skills of the vocational and technical faculty. The three-day workshop will cover three general areas: developing an attitude toward mediated individualized materials; developing and using individualized curriculum materials; and developing and using mediated materials. Practical experiences will be provided.

SB002940 VTP-2843

Computer Program to Generate Multiple Forms of Objective Tests.
Project Director: Dunbar, Dean A.
Organization: Saint Louis Community Coll. at Forest Park, Mo.
Funding Period: Start Date 1 Feb 77; End Date 1 Jul 77
Contract and/or Control No.: 2265

This project will develop a computer program to generate a maximum of four different forms of multiple choice exams. The tests will provide mock radiology technology registry exams to enable students in the program to practice and review before taking the actual registry exams. Radiology technology instructors will also use the program to generate regular course tests.

SB002941

A Project to Test the Use of the American College Testing (ACT) Program Educational Opportuntiy Service (EOS) as a Way to Recruit and Inform Individuals About Post-Secondary Occupational Programs.
Project Director: Hibdon, Nila
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 19 Jan 77; End Date 31 May 77
Contract and/or Control No.: 2264

The purpose of this project is to use the American College Testing (ACT) Program Educational Opportunity Service (EOS) to inform and recruit students for postsecondary occupational programs. Specific objectives include identifying criteria for selecting students to be recruited for Automotive Parts Wholesaling and Merchandising, and Electronics; submitting criteria to EOS to help match students with these education programs and opportunities; using EOS to contact the first 1,000 students meeting the criteria; and evaluating the responses from the students who have been contacted.

SB002942

Determining the Educational Needs of Northwest Missouri Young Farmers.
Project Director: Claycomb, Don
Organization: Trenton Junior Coll., Mo.
Funding Period: Start Date 11 Mar 77; End Date 31 Jul 77
Contract and/or Control No.: 2267

This project will determine (1) skills and needs of young farmers relating to the areas of business analysis, marketing, credit, production, agricultural mechanics, and social and personal improvement; (2) when the skills are needed; (3) present sources of information used by the young farmers; (4)methods of introducing new skills and information; and (5) the educational aids, tools, and techniques to be developed for young farmer instruction.

SB002943 VTP-2845

Identification, Selection, and Measurement of Adaptive Work Skills in Missouri's Vocational Education Programs.
Project Director: Kazanas, H. C.
Organization: Missouri Univ., Columbia. Dept. of Practical Arts and Vocational-Technical Education.
Funding Period: Start Date 1 Apr 77; End Date 31 Mar 78
Contract and/or Control No.: 1332

This project will investigate the factors involved in vocational students' development of adaptive work skills, the psychological or affective traits that students must possess to be effectively employed. Procedures will include identifying, selecting, and validating common adaptive work skills; developing a validated "Adaptive Work Skills Inventory"; identifying vocational education programs which contribute to developing such skills; and developing validated procedures and techniques for presenting adaptive work skills.

SB002944 VTP-2846

Procedures for Area Vocational School Student Selection.
Project Director: Good, Marvin
Organization: Crawford County R-II School District, Cuba, Mo.
Funding Period: Start Date 18 Mar 77; End Date 25 Jan 78
Contract and/or Control No.: 1333

The purpose of this project is to examine the criteria local high schools use in determining potential for success in the area vocational school. Specifically, the project will determine the suggested selection procedures disseminated to local high schools by the respective area vocational school, selection criteria used by the respective sending high schools in determining students who will attend area vocational schools, factors present in junior area vocational school candidates that are most predictive of success or lack of success in vocational school program, and the most feasible criteria to use in selecting potential enrollees in area vocational schools.

Part D

Fiscal Year 1970

SB002945

A Career Development Program for Students in Kindergarten Through Grade Twelve.
Project Director: Evans, Jerome L.
Organization: Moberly School District, Mo.
Funding Period: Start Date 1 May 70; End Date 30 Apr 73

The objectives of this project are to develop in elementary children a respect for the world of work and an ability to make wise decisions, expose elementary children to a wide variety of occupations, and provide intensive occupational guidance and counseling for secondary students. Counselors will be added to elementary and secondary schools to provide occupational information and guidance individually or in small group sessions. Field trips and community speakers will also be utilized to present occupational information and exploration.

SB002946

A Proposal to Develop and Field Test Individualized Programmed Instructional Materials in Office Occupations Utilizing Selected Audiovisual Media.
Project Director: Davis, Fred E.
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

The purposes of this project are to identify relevant course content and develop behavioral objectives for all of the technical and related courses in business and office education; identify, select, or develop individualized instructional materials for all the behavioral objectives and develop a completely individualized curriculum using selected audiovisual media and printed materials; and field test the practicality of using an individualized curriculum in business and office education in a rural area of Missouri.

SB002947

Industrial and Educational Cooperative Course in Circuit Electronics for the Academically, Economic, or Physically Handicapped.
Project Director: Ripley, Paul E.
Organization: Doniphan R-I School District, Mo.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

This project will initiate a course of study in Circuit Electronics to be conducted in the Doniphan R-I School District in cooperation with Vitronic, Incorporated, the major area industry. The objectives of this project are to train students in skills which have high priority within the community, work closely with local industry in achieving a smooth flow of skilled labor from school directly into the local work force, and assist the potential dropout in adjusting to society.

Fiscal Year 1971

SB002948

A Career Development Program for Students in Kindergarten Through Grade Twelve.
Project Director: Evans, Jerome L.
Organization: Moberly School District, Mo.
Funding Period: Start Date 1 May 70; End Date 30 Apr 73

The objectives of this project are to develop in elementary children a respect for the world of work and an ability to make wise decisions, expose elementary children to a wide variety of occupations, and provide intensive occupational guidance and counseling for secondary students. Counselors will be added to elementary and secondary schools to provide occupational information and guidance individually or in small group sessions. Field trips and community speakers will also be utilized to present occupational information and exploration.

SB002949

A Proposal to Develop and Field Test Individualized Programmed Instructional Materials in Office Occupations Utilizing Selected Audiovisual Media.
Project Director: Davis, Fred E.
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

The purposes of this project are to identify relevant course content and develop behavioral objectives for all of the technical and related courses in business and office education; identify, select, or develop individualized instructional materials for all the behavioral objectives and develop a completely individualized curriculum using selected audiovisual media and printed materials; and field test the practicality of using an individualized curriculum in business and office education in a rural area of Missouri.

SB002950

Industrial and Educational Cooperative Course in Circuit Electronics for the Academically, Economic, or Physically Handicapped.
Project Director: Ripley, Paul E.
Organization: Doniphan R-I School District, Mo.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

This project will initiate a course of study in Circuit Electronics to be conducted in the Doniphan R-I School District in cooperation with Vitronic, Incorporated, the major area industry. The objectives of this project are to train students in skills which have high priority within the community, work closely with local industry in achieving a smooth flow of skilled labor from school directly into the local work force, and assist the potential dropout in adjusting to society.

Fiscal Year 1972

SB002951

A Career Development Program for Students in Kindergarten Through Grade Twelve.
Project Director: Evans, Jerome L.
Organization: Moberly School District, Mo.
Funding Period: Start Date 1 May 70; End Date 30 Apr 73

The objectives of this project are to develop in elementary children a respect for the world of work and an ability to make wise decisions, expose elementary children to a wide variety of occupations, and provide intensive occupational guidance and counseling for secondary students. Counselors will be added to elementary and secondary schools to provide occupational information and guidance individually or in small group sessions. Field trips and community speakers will also be utilized to present occupational information and exploration.

SB002952

A Proposal to Develop and Field Test Individualized Programmed Instructional Materials in Office Occupations Utilizing Selected Audiovisual Media.
Project Director: Davis, Fred E.
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

The purposes of this project are to identify relevant course content and develop behavioral objectives for all of the technical and related courses in business and office education; identify, select, or develop individualized instructional materials for all the behavioral objectives and develop a completely individualized curriculum using selected audiovisual media and printed materials; and field test the practicality of using an individualized curriculum in business and office education in a rural area of Missouri.

SB002953

Industrial and Educational Cooperative Course in Circuit Electronics for the Academically, Economic, or Physically Handicapped.
Project Director: Ripley, Paul E.
Organization: Doniphan R-I School District, Mo.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

This project will initiate a course of study in Circuit Electronics to be conducted in the Doniphan R-I School District in cooperation with Vitronic, Incorporated, the major area industry. The objectives of this project are to train students in skills which have high priority within the community, work closely with local industry in achieving a smooth flow of skilled labor from school directly into the local work force, and assist the potential dropout in adjusting to society.

Fiscal Year 1973

SB002954

Operation ICE. Individualized Career Education.
Organization: Maplewood-Richmond Heights School District, Mo.
Funding Period: Start Date 15 Jun 73; End Date 15 Jun 76

The purpose of this project is to improve and broaden the occupational aspirations and opportunities for the area's youth and adults through a well planned and organized individualized career education curriculum. Project objectives include developing a career awareness curriculum for elementary students; designing a career self-exploration curriculum for secondary students that will contain pertinent information related to career clusters and demonstrate a "balance" between occupational exploration and preparation; and developing career education learning packages appropriate for different learning styles of students in grades pre-kindergarten to grade 12.

SB002955

Career Education in the Total Education (CETE).
Project Director: Lawson, Thomas J.
Organization: Hazelwood School District, Mo.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 76

This project is designed to establish an exemplary occupational awareness program for students at the elementary level, establish an exemplary occupational exploration program for students at the junior high school level, and develop the students' self-awareness as it relates to career development. Procedures include inviting parents and other community adults to tell about their jobs and encouraging teachers to provide information about job practices in job clusters and exploratory classroom experience through the use of job models.

Fiscal Year 1974

SB002956

Operation ICE. Individualized Career Education.
Organization: Maplewood-Richmond Heights School District, Mo.

Funding Period: Start Date 15 Jun 73; End Date 15 Jun 76

The purpose of this project is to improve and broaden the occupational aspirations and opportunities for the area's youth and adults through a well planned and organized individualized career education curriculum. Project objectives include developing a career awareness curriculum for elementary students; designing a career self-exploration curriculum for secondary students that will contain pertinent information related to career clusters and demonstrate a "balance" between occupational exploration and preparation; and developing career education learning packages appropriate for different learning styles of students in grades pre-kindergarten to grade 12.

SB002957

Career Education in the Total Education (CETE).
Project Director: Lawson, Thomas J.
Organization: Hazelwood School District, Mo.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 76

This project is designed to establish an exemplary occupational awareness program for students at the elementary level, establish an exemplary occupational exploration program for students at the junior high school level, and develop the students' self-awareness as it relates to career development. Procedures include inviting parents and other community adults to tell about their jobs and encouraging teachers to provide information about job practices in job clusters and exploratory classroom experience through the use of job models.

Fiscal Year 1975

SB002958

Career Education in the Total Education (CETE).
Project Director: Lawson, Thomas J.
Organization: Hazelwood School District, Mo.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 76

This project is designed to establish an exemplary occupational awareness program for students at the elementary level, establish an exemplary occupational exploration program for students at the junior high school level, and develop the students' self-awareness as it relates to career development. Procedures include inviting parents and other community adults to tell about their jobs and encouraging teachers to provide information about job practices in job clusters and exploratory classroom experience through the use of job models.

SB002959

Operation ICE. Individualized Career Education.
Organization: Maplewood-Richmond Heights School District, Mo.
Funding Period: Start Date 15 Jun 73; End Date 15 Jun 76

The purpose of this project is to improve and broaden the occupational aspirations and opportunities for the area's youth and adults through a well planned and organized individualized career education curriculum. Project objectives include developing a career awareness curriculum for elementary students; designing a career self-exploration curriculum for secondary students that will contain pertinent information related to career clusters and demonstrate a "balance" between occupational exploration and preparation; and developing career education learning packages appropriate for different learning styles of students in grades pre-kindergarten to grade 12.

Fiscal Year 1976

SB002960

Learning, Working, and Serving.
Project Director: Wolfrum, Max
Organization: Webster Groves School District, Mo.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 79

The purpose of this project is to develop a program that will increase interest in unmotivated ninth- and tenth-grade students by using hands-on projects to demonstrate the necessary relationship of job skills to learning skills so that school will have more relevance for the student. The project will provide opportunities for about fifty ninth- and tenth-grade students to gain actual work experience.

SB002961

A Proposal to Develop and Implement a Comprehensive Career Education Program K-14 in a Three-County Area in Missouri.
Project Director: Fielding, Marvin
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 79

State Fair Community College, in cooperation with the Missouri Department of Elementary and Secondary Education and ten area schools, will implement a comprehensive career education program in grades K-14. Procedures will include continuing a broad program of career awareness (K-8) by providing career education materials to teachers through a career education resources center on the college campus.

SB002962

Parkway Career Planning System (P.C.P.S.).
Project Director: Henson, Rayma
Organization: Parkway School District, Chesterfield, Mo.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 79

This project will implement a comprehensive career education program in each of the secondary schools of the Parkway School District. The project will incorporate and implement into these schools the Operation Guidance project being field tested at Parkway West Senior High School and conducted by the Center for Vocational Education at Ohio State University. Operation Guidance will provide a framework for organizing a career program based on the student needs at each individual school.

SB002963

A Proposal for the Establishment of an Exemplary Program for the Study and Dissemination of Techniques for Improving Career Information, Placement, and Follow-Up.
Project Director: Rooney, Michael A.
Organization: Saint Louis Community Coll. at Meramec, Kirkwood, Mo.
Funding Period: Start Date 1Jul 77; End Date 30 Jun 79

The purpose of this project is to improve the effectiveness and scope of the Career Information Center (CIC), the Career Counseling Service, the Placement Department, and the Followup Program by integrating their staffs, functions, resources, and budgets. During the 1976-77 academic year, the objectives of the project include increasing the number of employer contacts from 1,240 to 1,552 and the number of jobs available to students from 920 to 1,150.

SB002964

Careers - A Districtwide, School Based Approach.
Project Director: Boyd, Gardner
Organization: Kansas City School District, Mo.
Funding Period: Start Date 1 Sep 76; End Date 25 May 79

This three-year project will expand career education into all disciplines of Northeast, Bingham, Central, Leeds-Dunbar, Southeast, King, Lincoln, and Nowlin Junior High Schools. Workshops will be provided for the staff members of the participating schools to help them become familiar with career education concepts and to provide assistance in applying the concepts to their classrooms.

SB002965

Teacher Training in a Career Education Alternative School.
Project Director: Wentz, Robert
Organization: Saint Louis City Public Schools, Mo.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 79
Contract and/or Control No.: 77-114

This project will establish and maintain a teacher training component for the St. Louis Public Schools' Action Learning Career Education Center, an alternative school for approximately 300 students in grades 5-8. The program which will be provided for Center staff and two nonpublic teachers, will include training in the areas of multiconceptual and multiprocess demand of career education and in developing and implementing a career education program at the Center.

SB002966

Community Occupational and Training Counseling Program.

Project Director: Simmons, Paul
Organization: Steelville R-III School District, Mo.
Funding Period: Start Date 15 Aug 76; End Date 31 Jul 79

This project will establish a multidimensional demonstration program combining school, community, and family resources to achieve a more effective and locally relevant career education, occupational and vocational counseling, and educational experience for students of limited aspirations in three high school districts in the East Central Ozarks. A multifaceted, inschool educational and career counseling program will be undertaken to supplement the educational and counseling efforts of professional school personnel.

Fiscal Year 1977

SB002967

A Proposal for the Establishment of an Exemplary Progam for the Study and Dissemination of Techniques for Improving Career Information, Placement, and Follow-Up.
Project Director: Rooney, Michael
Organization: Saint Louis Community Coll. at Meramec, Kirkwood, Mo.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 78

The goals of the three-year project include assisting students at St. Louis Community College at Meramec in making appropriate career choices by improving the effectiveness and scope of the Career Information Center, the Career Counseling Service, the Placement Department, and the Follow-up Program. This will be accomplished by integrating their staffs, functions, resources, and budgets. Specific objectives include increasing the number of employer contacts and student job placements.

SB002968

A Proposal to Develop and Implement a Comprehensive Career Education Program K-14 in a Three-County Area in Missouri.
Project Director: Fielding, Marvin
Organization: State Fair Community Coll., Sedalia, Mo.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 79

State Fair Community College, in cooperation with the Missouri Department of Elementary and Secondary Education and ten area schools, will implement a comprehensive career education program in grades K-14. Procedures will include continuing a broad program of career awareness (K-8) by providing career education materials to teachers through a career education resources center on the college campus.

SB002969

Careers - A Districtwide, School Based Approach.
Project Director: Boyd, Gardner
Organization: Kansas City School District, Mo.
Funding Period: Start Date 1 Sep 76; End Date 25 May 79

This three-year project will expand career education into all disciplines of Northeast, Bingham, Central, Leeds-Dunbar, Southeast, King, Lincoln, and Nowlin Junior High Schools. Workshops will be provided for the staff members of the participating schools to help them become familiar with career education concepts and to provide assistance in applying the concepts to their classrooms.

SB002970

Community Occupational and Training Counseling Program.
Project Director: Simmons, Paul
Organization: Steelville R-III School District, Mo.
Funding Period: Start Date 15 Aug 76; End Date 31 Jul 79

This project will establish a multidimensional demonstration program combining school, community, and family resources to achieve a more effective and locally relevant career education, occupational and vocational counseling, and educational experience for students of limited aspirations in three high school districts in the East Central Ozarks. A multifaceted, inschool educational and career counseling program will be undertaken to supplement the educational and counseling efforts of professional school personnel.

SB002971

Parkway Career Planning System (P.C.P.S.).
Project Director: Henson, Rayma
Organization: Parkway School District, Chesterfield, Mo.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 79

This project will implement a comprehensive career education program in each of the secondary schools of the Parkway School District. The project will incorporate and implement into these schools the Operation Guidance project being field tested at Parkway West Senior High School and conducted by the Center for Vocational Education at Ohio State University. Operation Guidance will provide a framework for organizing a career program based on the student needs at each individual school.

SB002972

Teacher Training in a Career Education Alternative School.
Project Director: Beckwith, Lynn, Jr.
Organization: Saint Louis Public Schools, Mo.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 78

This project will demonstrate an exemplary career education team planning model and develop innovative curricular activities designed to reduce sex role stereotyping. The planning will focus on each team cooperatively developing a career education unit of instruction for each of the fifteen USOE identified occupational clusters with special emphasis given to activities designed to reduce sex role stereotyping. The units of instruction will then be delivered to students and assessed for their impact on the students.

SB002973

Learning, Working, and Serving.
Project Director: Wolfrum, Max
Organization: Webster Groves School District, Mo.
Funding Period: Start Date 1 Jun 76; End Date 30 Jun 79

The purpose of this project is to develop a program that will increase interest in unmotivated ninth- and tenth-grade students by using hands-on projects to demonstrate the necessary relationship of job skills to learning skills so that school will have more relevance for the student. The project will provide opportunities for about fifty ninth- and tenth-grade students to gain actual work experience.

MONTANA

Part C

Fiscal Year 1971

SB002974

Management Information System for Vocational Technical Education in Montana.
Organization: Montana State Office of the Superintendent of Public Instruction, Helena.
Descriptive information unavailable.

SB002975

Competencies in Agri-Business and Agri-Production.
Organization: Montana State Univ., Bozeman.
Descriptive information unavailable.

SB002976

Agri-Production Manpower Report and Agri-Production Manpower Manual.
Organization: Montana State Univ., Bozeman.
Descriptive information unavailable.

Fiscal Year 1972

SB002977

Management Information System for Vocational Technical Education in Montana.
Organization: Montana State Office of the Superintendent of Public Instruction, Helena.
Descriptive information unavailable.

Fiscal Year 1973

SB002978

Montana State University Agriculture Related Competencies Studies.
Organization: Montana State Univ., Bozeman.
Descriptive information unavailable.

SB002979

Vocational Education Competence Bank.
Organization: Montana State Office of the Superintendent of Public Instruction, Helena.
Descriptive information unavailable.

SB002980

Management Information System for Vocational Technics' Education in Montana.
Organization: Montana State Office of the Superintendent of Public Instruction, Helena.
Descriptive information unavailable.

Fiscal Year 1974 - No Projects Reported

Fiscal Year 1975

SB002981

The Identification of Competencies Common Among Job Titles in Agricultural Production and Agribusiness.
Organization: Montana State Univ., Bozeman. Dept. of Agricultural and Industrial Education.
Descriptive information unavailable.

SB002982

Information Management System and Consultation Services to Vocational Education Staff in Planning and Evaluation.
Organization: Montana State Office of the Superintendent of Public Instruction, Helena.
Descriptive information unavailable.

Fiscal Year 1976

SB002983

Agricultural Manpower Research.
Organization: Montana State Univ., Bozeman.
Descriptive information unavailable.

Fiscal Year 1977

SB002984

Vocational Education Research Proposal/Agreement Amendment.
Organization: Missoula Technical Center Board of Public Education, Mont.
Funding Period: Start Date 25 May 77; End Date 1 Jul 77
The purpose of this project is to develop the basis for the orderly functioning of those responsible for vocational education to facilitate the delivery of vocational education in Montana. Specific objectives are to suggest legislation for development of such a delivery system; Board of Public Education policies for development of the delivery system; and the role, scope, mission or function of the various segments of that delivery system.

Part D

Fiscal Year 1970

SB002985

Occupational Guidance and Vocational Exploratory Program.
Organization: Helena Vocational-Technical Center, Mont.
Descriptive information unavailable.

SB002986

Multi-Occupational and Vocational Exploratory Program.
Organization: Huntly Project High School, Worden, Mont.
Descriptive information unavailable.

SB002987

Agriculture, Consumer and Homemaking, Office, and Distributive Education Exemplary Program.
Organization: Yellowstone County School District 24, Warden, Mont.
Descriptive information unavailable.

Fiscal Year 1971

SB002988

Agriculture, Consumer and Homemaking, Office, and Distributive Education Exemplary Program.
Organization: Yellowstone County School District 24, Warden, Mont.
Descriptive information unavailable.

SB002989

Pre-Vocational Industrial Arts Education at the Junior High Level.
Organization: Hardin School District, Mont.
Descriptive information unavailable.

SB002990

Secondary Exemplary Program in Business and Office Education.
Organization: Columbia Falls High School, Mont.
Descriptive information unavailable.

SB002991

Exemplary Program in Home Economics Teacher Training and Supervising Student Teachers.
Organization: Montana State Univ., Bozeman. School of Home Economics.
Descriptive information unavailable.

SB002992

Secondary Exemplary Vocational Program in Office Education.
Organization: Havre High School, Mont.
Descriptive information unavailable.

SB002993

Consumer and Homemaking Education Exemplary Program.
Organization: Flathead County School District 16, Columbia Falls, Mont.
Descriptive information unavailable.

SB002994

Exemplary Craft Program.
Organization: Lewis and Clark County School District 1, Helena, Mont.
Descriptive information unavailable.

SB002995

Exemplary Co-Educational and Career Education Program.
Organization: Missoula County High School District, Mont.
Descriptive information unavailable.

SB002996

Pre-Vocational Exploratory Vocational Program.
Organization: Yellowstone County School District 37, Shepherd, Mont.
Descriptive information unavailable.

SB002997

Secondary Exemplary Program in Home Economics, Office Education, Welding, Carpentry and Welding.
Organization: Twin Bridges High School, Mont.
Descriptive information unavailable.

Fiscal Year 1972

SB002998

Agriculture, Consumer and Homemaking, Office, and Distributive Education Exemplary Program.
Organization: Yellowstone County School District 24, Warden, Mont.
Descriptive information unavailable.

SB002999

Secondary Exemplary Program in Home Economics, Office Education, Welding, Carpentry and Welding.
Organization: Twin Bridges High School, Mont.
Descriptive information unavailable.

SB003000

Exemplary Vocational Program in T&I, Homemaking and Home Economics Occupational Preparation (Phase II).
Organization: Shepherd High School, Mont.
Descriptive information unavailable.

SB003001

Exemplary Planning Project in Vocational Education for K-12.
Organization: Park Senior High School, Mont.
Descriptive information unavailable.

Fiscal Year 1973

SB003002

Local Program.
Organization: Shepherd High School, Mont.
Descriptive information unavailable.

SB003003

Vocational Class for Disadvantaged and Handicapped.
Organization: Havre High School, Mont.
Descriptive information unavailable.

SB003004

CCP - Individualization of Learning.
Organization: Twin Bridges High School, Mont.
Descriptive information unavailable.

Fiscal Year 1974

SB003005 VTP-1506

Elementary and Secondary Vocational Clusters.
Project Director: Zellick, George M.
Organization: Missoula County High School, Mont.
Funding Period: Start Date 1 Jan 74; End Date 30 Jun 76
The objectives of this project are to determine the needs and potentials of the student population, define the student environment relative to vocational assets and deficiencies, develop a master plan that promotes occupational awareness and exploration leading to preparation through occupational clusters, develop trial models of clusters compatible with the defined needs of students, and begin development of a guide for the organization and installation of clusters. Inservice training and informational and orientation sessions will be conducted for involved persons.

SB003006

Secondary Curriculum Development in Office Education.
Organization: Havre High School, Mont.
Descriptive information unavailable.

Fiscal Year 1975

SB003007 **VTP-1511**

High School Radio and T.V. Related Occupations.
Project Director: Olson, Maynard A.
Organization: Helena School District 1, Mont.
Funding Period: Start Date 28 Aug 74; End Date 2 Jun 74

The goal of this project is to combine inclass academic instruction with commercial and local school broadcasting activities into a program which provides students a broad range of experience in communication and job exposure. Sixty students will be selected to participate in an instructional program including comprehensive training in photo composition covering still, portrait, news, and sports formats; training in writing, editing, and recording audio scripts for radio and TV; and training in broadcast clerical procedures.

SB003008 **VTP-2218**

Development Program in Occupational Clusters.
Project Director: Giese, John
Organization: Missoula County High School, Mont.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The purpose of this project is to modify and expand the present educational delivery system to better serve students from grades K-12 in career awareness, exploration, preparation, and guidance through a comprehensive systematized program. A career education center will also be established.

Fiscal Year 1976

SB003009

Development Program in Occupational Clusters.
Project Director: Giese, John
Organization: Missoula County High School, Mont.

The purpose of this project is to modify and expand the present educational delivery system to better serve students from grades K-12 in career awareness, exploration, preparation, and guidance through a comprehensive systematized program. A career education center will also be established.

Fiscal Year 1977

SB003010 **VTP-2776**

Operation Rebuild: A New Training Area in Building Construction.
Project Director: Christianson, Gary
Organization: Flathead High School, Kalispell, Mont.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 77-1505-84-67-16-0501

This secondary level building construction project is designed to provide students with experience in remodeling or rebuilding homes. The class will perform onsite work on property either purchased by the school district or supplied by a real estate agency or private owner. Students will be involved in planning, drawing up plans, estimating materials, tearing out and rebuilding, interior decorating, and landscaping.

SB003011 **VTP-2775**

Experience Based Approach to Career Information for Vocational Guidance.
Project Director: Roberts, Joe
Organization: Missoula County High School, Mont.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 77-3202-84-67-16-0502

This project will establish a Career Information Center, utilizing community resources and providing other resources not presently available. The Center will house the most current materials on careers, postsecondary schools, and allied information. It will also function as a center for students to practice decision-making skills, increase self-awareness, and determine interests and abilities. A community internship program will also be offered to provide firsthand learning experience in areas of interest. The general project objective is to provide inhouse resources and career guidance services to help students assess their talents, make intelligent career decisions, and plan a course of action to follow upon leaving school.

SB003012 **VTP-2802**

Student Open-Entry/Exit Concept Development and Implementation Through Curriculum Based on Job Task Analysis.
Project Director: Ulmer, Benjamin A.
Organization: Billings School District 2, Mont.
Funding Period: Start Date 1 Jul 76; End Date 31 Jul 77

The goal of this project is to broaden occupational aspirations and opportunities for youths and adults, particularly those with academic or socioeconomic difficulties. The objectives of the project include completing the individualization of each program's curriculum and producing materials appropriate for dissemination. A consultant will provide expertise in development and use of task books and learning activity packets.

SE003013

Community Resource Training (CRT).
Project Director: Higgins, Ronald
Organization: Troy High School, Mont.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 77
Contract and/or Control No.: 77-2702-84-67-16-0208

The objectives of this project are to give students the level of productive ability needed in a selected occupation; reduce the cost of vocational education by using facilities and trained personnel in the community; identify abilities, interests, and aptitudes of students and train them in their various occupational choices; and train students in an occupation which is prevalent in the area.

NEBRASKA

Part C

Fiscal Year 1971

SB003014 **VTP-125**

Assessment of Instructional Effectiveness of Nebraska Vocational Technical School Educational Offerings from 1965-69.
Project Director: Treu, John
Organization: Nebraska Vocational Technical School, Milford.
Funding Period: Start Date 1 May 71; End Date 30 Apr 72

The purpose of this project is to survey the graduates of the Nebraska Vocational Technical School, their parents, and business and industry by means of a follow-up study. The study is designed to indicate educational accountability by evaluating instruction at the school, and obtain a profile of jobs at the entry level of employment. The second phase of this project will be the implementation of curriculum change as indicated by the follow-up study.

SB003015 **VTP-123**

A Project to Develop A Series of Steps and Procedures for Assisting Local Education Leaders to Develop the Competencies Needed to Construct an Occupational Education Curriculum.
Project Director: Klabenes, Robert E.
Organization: Educational Service Unit 6, Milford, Nebr.
Funding Period: Start Date 1 Jun 71; End Date 31 May 73

This study is designed to begin to identify those steps and procedures which will allow local education leaders to acquire the skills to develop an occupational education curriculum to provide world of work experience for all secondary youth. The leaders will be assisted in developing the curriculum goals and implementing the project.

SB003016 **VTP-180**

Determining Vocational Educational Needs Through an Analysis of Business and Industrial Enterprises Within the Twenty County Area Served by Central Nebraska Technical College.
Project Director: Wiseman, Glenn L.
Organization: Central Nebraska Technical Coll., Hastings.
Funding Period: Start Date 1 Jun 71; End Date 30 Jun 72

The purpose of this project is to provide detailed, computerized information about jobs and careers in business and industry within the twenty-county area. Personal interviews will be conducted to gather data to insure an accurate and complete analysis, and a 33 percent firm sampling for each county will be the base for analysis. A brochure of data will be prepared for dissemination.

SB003017 **VTP-179**

Minimum Levels of Technical Competency Standards for Industrial Education Programs in Nebraska.
Project Director: Miller, James A.
Organization: Kearney State Coll., Nebr.
Funding Period: Start Date 1 Jun 71; End Date 31 May 72

The purposes of this project are to identify and establish minimum levels of technical competency needed by industrial education students; develop a baccalaureate industrial teacher education curriculum to meet the objectives; and establish articulation between secondary schools, vocational and technical colleges, and four-year colleges, to improve the quality and increase the supply of industrial education teachers. A card-sort method of research will be used to determine minimum technical competencies.

SB003018 **VTP-122**

Development of Instructional Materials for the Intensified Office Laboratory.
Project Director: Culver, Gordon F.
Organization: Nebraska Univ., Lincoln.
Funding Period: Start Date 1 Jun 71; End Date 30 Jun 73

The purpose of this project is to develop instructional materials based on office jobs in local business firms for use in an intensified office laboratory which may be implemented in secondary or post-secondary school systems. A three-week practicum will be held to develop instructional materials; two two-day workshops will be held to evaluate and revise instructional materials; a two-week practicum will be held to develop and/or change materials; and a one-week practicum will be held for evaluative purposes.

SB003019 **VTP-120**

The Meanings of Critical Vocational Education Concepts to Vocational Leaders.
Project Director: Bikkie, James A.
Organization: Nebraska Univ., Lincoln.
Funding Period: Start Date 1 May 71; End Date 30 Apr 72

This study will attempt to determine meanings of critical vocational concepts and their conceptual congruence for vocational areas represented by randomly selected teacher educators and state supervisors for each vocational field. Factor loadings for the selected concepts by population groups will be determined. The differences between subjects and concepts across a set of scales will be used to differentiate meanings.

SB003020 **VTP-121**

State-Wide Computerized Model for Determining Occupational Opportunities in Nebraska, 1972 Report.
Project Director: Cromer, C. A.
Organization: Nebraska Occupational Needs Research Coordinating Unit, Lincoln.
Funding Period: Start Date 1 Jun 71; End Date 31 May 72

The purpose of this project is to provide for the continuation of the statewide model for occupational opportunites. Among the specific objectives are to compile and update a master list of all firms in the state employing one or more persons, classify data collected from employer interviews by the "Dictionary of Occupational Titles," and present a report on employment and employment needs by instructional program title.

SB003021

Education Programs in Nebraska Phase II.
Project Director: Mendenhall, Elton B.
Organization: Kearney State Coll., Nebr.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

Descriptive information unavailable.

SB003022

State-Wide Computerized Model for Determining Occupational Opportunities in Nebraska, 1973 Report.
Project Director: Mendenhall, Elton B.
Organization: Nebraska Univ., Lincoln.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The goal of the project is to provide for the continuation of the statewide model for occupational opportunities. Among the specific objectives are to compile and update a master population of all firms in the state which employ one or more persons, classify data collected from employer interviews by the "Dictionary of Occupational Titles," and present a report on employment and employment needs

by instructional program title.

Fiscal Year 1972

SB003023

A Project to Develop A Series of Steps and Procedures for Assisting Local Education Leaders to Develop the Competencies Needed to Construct an Occupational Education Curriculum.
Project Director: Klabenes, Robert E.
Organization: Educational Service Unit 6, Milford, Nebr.
Funding Period: Start Date 1 Jun 71; End Date 31 May 73

In this study, staff will begin to identify those steps and procedures through which local education leaders will acquire skills for developing an occupational education curriculum that provides work experience for secondary youth. Objectives will include assisting local education agencies with a needs assessment computerized analysis and helping local education leaders formulate curriculum goals, develop skills to implement action research projects, and develop educational strategies for occupational education curriculum innovation.

SB003024

Minimum Levels of Technical Competency Standards of Industrial Education Programs in Nebraska--Phase II.
Project Director: Miller, James A.
Organization: Kearney State Coll., Nebr.
Funding Period: Start Date 1 Jun 72; End Date 31 May 73

The objectives of this project are to identify and establish minimum levels of technical competency needed by trade and industrial education students, continue developing a baccalaureate industrial teacher education curriculum, and further establish articulation between secondary schools, vocational and technical colleges, and four-year colleges.

SB003025

Development of Instructional Materials for the Intensified Office Laboratory.
Project Director: Johnson, Margaret H.
Organization: Nebraska Univ., Lincoln.
Funding Period: Start Date 1 Jun 72; End Date 31 May 73

The purpose of this project is to continue developing instructional materials based on office jobs in local business firms for use in an intensified office laboratory which may be implemented in secondary or postsecondary school systems. The materials will be developed or revised in the form of realistic projects and problems for student use and which are appropriate to the demands that business will make on graduates.

SB003026

State-Wide Computerized Model for Determining Occupational Opportunities in Nebraska, 1973 Report.
Project Director: Mendenhall, Elton B.
Organization: Nebraska Univ., Lincoln.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

This project will provide for the continuation of funding to produce the 1973 report on the statewide model for occupational opportunities. Project objectives include compiling and updating a master population of firms which employ one or more persons, classifying data collected from employer interviews by the "Dictionary of Occupational Titles" as the major reference system, and presenting the report to vocational education planners and administrators.

Fiscal Year 1973

SB003027 **VTP-905**

Nebraska Vocational-Technical Graduate Follow-Up and Information Dissemination System Development Research Project.
Project Director: Miller, James A.
Organization: Kearney State Coll., Nebr. Center for Vocational and Technical Education.
Funding Period: Start Date 1 Jan 73; End Date 31 Dec 73

The objective of this study is to assist in the evaluation of present vocational-technical programs and design a model system for annual student follow-up and information dissemination for all levels of vocational education. A model vocational-technical graduate follow-up and dissemination system will be developed. The general procedure for conducting the project will be to analyze dissemination systems and follow-up instruments for possible use.

SB003028

Minimum Levels of Technical Competency Standards of Business and Office Education Programs in Nebraska.
Project Director: Colsden, Lyle D.
Organization: Kearney State Coll., Nebr.
Funding Period: Start Date 1 Jun 73; End Date 31 May 74

The objectives of this project are to identify and establish minimum levels of technical competency needed by students in business and office education, develop curriculum guides for identified occupations in the business and office occupations, and further establish articulation between secondary schools, vocational and technical colleges, and the four-year colleges to improve the quality of business and office teachers.

SB003029

State-Wide Computerized Model for Determining Occupational Opportunities in Nebraska, 1974 Report.
Project Director: Mendenhall, Elton B.
Organization: Nebraska Univ., Lincoln.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The goal of this project is to provide for the continuation of the statewide model for occupational opportunities. Among the specific objectives are to compile and update a master population of all firms in the state which employ one or more persons, classify data collected from employer interviews by the "Dictionary of Occupational Titles" as the major reference source, and present the report to persons planning and administering vocational education programs.

SB003030

The Nebraska Occupational Competency Testing Center.
Project Director: McClellan, L. Dean
Organization: Kearney State Coll., Nebr. Dept. of Industrial Education.
Funding Period: Start Date 1 Jan 73; End Date 30 Jun 73

The project aims to provide needed testing services for secondary and postsecondary vocational and technical education programs. The project will enable the Kearney Center for Vocational and Technical Education to organize and implement a statewide competency testing program. Tests provided by the National Occupational Competency Testing Project will be used.

Fiscal Year 1974

SB003031 **VTP-1309**

State-Wide Computerized Model for Determining Occupational Opportunities in Nebraska.
Project Director: Larson, Fay G.
Organization: Nebraska Occupational Needs Research Coordinating Unit, Lincoln.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The goal of this project is to provide for the continuation of the statewide model for occupational opportunities. Among the specific objectives are to compile and update a master population of all firms in the state which employ one or more persons, classify data collected from employer interviews by the "Dictionary of Occupational Titles" as the major reference source, and present the report to persons planning and administering vocational education programs.

SB003032 **VTP-2026**

Home Ecnomics Related Occupations Promotion in Nebraska Through Media, Visitations and Professional Development.
Project Director: Gillman, Marcene L.
Organization: Kearney State Coll., Nebr.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The objectives of this project are to visit secondary home economics teachers and administrators who have indicated an interest in developing home economics related occupations (HERO) programs, and develop and utilize existing materials for dissemination to home economics teachers to help them initiate and administer HERO programs. Inservice instruction in curriculum development and course organization for secondary home economics instructors will be provided.

SB003033 VTP-1311

A Competency Based Program for Preparing Vocational Education Teachers
Project Director: Cline, Dwight
Organization: Kearney State Coll., Nebr.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of this project is to identify those competencies common to all vocational teachers in Nebraska and develop modules which encompass those competencies. A format for implementing the strategy will be designed, and the strategy will be field tested. The results will be evaluated, and recommendations for improvement will be made before implementing the program at state colleges and universities.

SB003034 VTP-1312

A Vocational Approach to Written Communications.
Project Director: Hutkin, Ronald R.
Organization: Platte Technical Community Coll., Nebr.
Funding Period: Start Date 1 Jul 74; End Date 31 Jan 75

The project is designed to determine if students enrolled in written communication courses will achieve a higher level of proficiency on specific cognitive objectives and a greater self-perception after accomplishing affective written communication objectives when the objectives relate to the world of work. A posttest only control group design will be used to determine the differences.

Fiscal Year 1975

SB003035 VTP-2004

State-Wide Computerized Model for Determining Occupational Opportunities in Nebraska, 1976 Report.
Project Director: Mendenhall, Elton B.
Organization: Nebraska Univ., Lincoln. Board of Regents.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The goal of this project is to provide for the continuation of the statewide model for occupational opportunities. Among the specific objectives are to compile and update a master population of all firms in the state which employ one or more persons, classify data collected from employer interviews by the "Dictionary of Occupational Titles" as the major reference source, and present the report to persons planning and administering vocational education programs.

SB003036 VTP-2005

A Determination and Validation of Economic Competencies Required of Persons Working in the Distributive Occupations.
Project Director: Eggland, Steve A.
Organization: Nebraska Univ., Lincoln.
Funding Period: Start Date 1 Apr 75; End Date 30 Jun 76

The objectives of the study are to conduct a complete state-of-the-art study designed to develop a consensual list of economic competencies essential to economic understanding and to validate those competencies as to the extent employers and others think they are required of persons working in distributive occupations. A literature review will be conducted, and distributive employers will be surveyed for their judgements on the value of the competencies.

Fiscal Year 1976

SB003037

A Study to Determine the Purposes of and Teaching Competencies Developed Through Occupational Experiences for Distributive and Business Education Teachers.
Project Director: Burrow, James
Organization: Nebraska Univ., Lincoln.
Funding Period: Start Date 10 Mar 76; End Date 15 Sep 76

The purpose of this project is to define the role of occupational experience in vocational education teacher preparation. To more clearly identify that role, the study is designed to determine and list the purposes of occupational experience requirements for vocational teacher certification and validate the teaching competencies that can be developed through occupational experiences.

SB003038

A Follow-Up Study of Adult Vocational Students in the Southeast Community College Area and Justification for Reimbursement of Vocational Funds.
Project Director: Kluge, Robert F.
Organization: Southeast Community Coll., Fairbury, Nebr.
Funding Period: Start Date 1 Mar 76; End Date 28 Feb 77

Project objectives include the following: (1) determine the number of adult vocational students who have been retrained through adult vocational classes, (2) determine the numnber of adults who have upgraded their occupational careers through adult education classes, (3) measure the return on federal expenditures to adult vocational classes in terms of income taxes on higher wages, and (4) determine the relative success of state expenditures of federal money for support of adult vocational classes.

SB003039

Occupational Opportunities in Nebraska, 1977 Report.
Project Director: Larson, Fay G.
Organization: Nebraska Occupational Needs Research Coordinating Unit, Lincoln.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77

The purpose of this project is to provide the conversion of the Nebraska State Department of Labor's employment projections and needs into vocational instructional training programs for use in vocational program planning. Objectives include obtaining and converting the employment data and preparing and disseminating to educators responsible for planning vocational programs a publication displaying the projections and needs.

SB003040

Applied Physics Personalized.
Project Director: Waring, Gene
Organization: Southeast Community Coll., Milford, Nebr.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of this project is to design and test an instructional methodology for applied physics which will allow postsecondary vocational-technical students to perceive applied physics as relevant to them and help them achieve higher scores on applied physics tests. Physics learning modules having direct applications to the future trades or skills of students will be constructed.

SB003041

A Feasibility Study - Nebraska Multi-District Secondary Vocational Education.
Project Director: Lavaty, Evelyn
Organization: Nebraska State Dept. of Education, Lincoln. Div. of Vocational Education.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The aim of this project is to determine how local public schools can develop comprehensive secondary programs of vocational education through using facilities and staff to serve students from more than one high school. Among the specific objectives are to examine present legislation and accreditation standards and make recommendations to the State Board of Vocational Education pertaining to multi-district secondary vocational education.

Fiscal Year 1977

SB003042 VTP-2849

Evaluation of Vocational Home Economics Programs in Terms of Competencies Needed to Function Effectively as A Homemaker and/or Homemaker and Wage-Earner.
Project Director: Colsden, Lyle
Organization: Kearney State Coll., Nebraska.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 78

The purpose of the project is to conduct an evaluation through a follow-up study of graduates of high school vocational consumer home economics programs to determine competencies needed to function effectively in the homemaking occupation and those needed to function effectively in the dual role of homemaker and wage earner. Objectives include designing and testing two instruments to use in a statewide follow-up study, obtaining and interpreting data, and preparing a report of the findings.

SB003043 VTP-2851

A Feasibility Study-Cooperative Vocational Education for Schools in Educational Service Unit Number Two.
Project Director: Hansen, Allan W.
Organization: Nebraska Educational Service Unit 2, Fremont.
Funding Period: Start Date 1 Apr 77; End Date 1 Apr 78

Objectives of the study include collecting and analyzing data on job markets, existing programs, population, resources, and the local schools' abilities to provide adequate programs; determining student enrollments, population density, job opportunities, student interests, and geographic characteristics; and recommending criteria for establishing a secondary cooperative vocational program and guidelines for administration. A report will be compiled and disseminated.

SB003044 VTP-2854

Occupational Opportunities in Nebraska, 1978 Report.
Project Director: Mendenhall, Elton B.
Organization: Nebraska Occupational Needs Research Coordinating Unit, Lincoln.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 78

The purpose of this project is to provide the conversion of the Nebraska State Department of Labor's employment projections and needs into vocational instructional training programs for use in vocational program planning. Objectives include obtaining and converting the employment data and preparing and disseminating to educators responsible for planning vocational programs a publication displaying the projections and needs.

Part D

Fiscal Year 1970

SB003045

A Developmental Project: Development of Super 8 mm Film Loops and Cartridged Cassette Tapes to Intensify the Guidance and Counseling Efforts in the Dissemination of Occupational Information to High School Juniors and Seniors.
Project Director: Wiseman, Glenn L.
Organization: Central Nebraska Technical Coll., Hastings, Nebr.

The purpose of this project is to provide a manner in which occupational aspirations and opportunities for young people can be broadened. This developmental project will provide the needed materials and equipment necessary to disseminate occupational information to students in a unique and individualized manner.

SB003046

Project DEVISE (Developmental Vocational Information and Self-Enhancement).
Project Director: Coburn, Darrel
Organization: Nebraska Educational Service Unit 12, Alliance.
Funding Period: Start Date 1 Jun 70; End Date 30 May 71

This project aims to continue to implement Project DEVISE, a plan to expose elementary children to different occupations. This will include conducting biweekly, inservice sessions with teachers to insure adequate communication to correctly implement the project's materials and methods, monitoring students' progress, and consulting with individual students.

SB003047

Omaha Suburban Area Council of Schools Project Recovery.
Project Director: McCoy, Harlan
Organization: Millard Public Schools, Nebr.

Funding for this project will enable continuation of the following activities: (1) holding an inservice seminar, (2) continuing registration, (3) continuing vocational classes, (4) leasing suitable facilities for initiation of programs, (5) making a report of an extensive vocational guidance project undertaken by Westside High School, (6) developing vocational apprenticeship programs, and (7) conducting parental counseling.

SB003048

A Self-Contained Mobile Unit for Vocational Guidance and Counseling (Project Trailride).
Project Director: Snow, Robert
Organization: Platte Technical Community Coll., Columbus, Nebr.

The objectives of this project are to (1) increase the scope and impact of vocational guidance and information programs in the college service areas, (2) provide all persons in surrounding communities with a means to attain vocational guidance, (3) assist currently employed counselors to expand their vocational guidance services, and (4) contribute to the retention and upgrading of trained workers by increasing the quantity and quality of vocational guidance encounters.

Fiscal Year 1971

SB003049

Project DEVISE (Developmental Vocational Information and Self-Enhancement).
Project Director: Coburn, Darrel
Organization: Nebraska Educational Service Unit 12, Alliance.
Funding Period: Start Date 1 Jun 71; End Date 30 May 72

This project aims to continue to implement Project DEVISE, a plan to expose elementary children to different occupations. This will include conducting biweekly, inservice sessions with teachers to insure adequate communication to correctly implement the project's materials and methods, monitoring students' progress, and consulting with individual students.

SB003050

Omaha Suburban Area Council of Schools Project Recovery.
Project Director: McCoy, Harlan
Organization: Millard Public Schools, Nebr.

Funding for this continued project will enable continuation of the following activities: (1) holding an inservice seminar, (2) continuing registration, (3) continuing vocational classes, (4) leasing suitable facilities for initiation of programs, (5) making a report of an extensive vocational guidance project undertaken by Westside High School, (6) developing vocational apprenticeship programs, and (7) conducting parental counseling.

SB003051

Occupational Orientation: A Project Designed to Familiarize Elementary, Junior and Senior High School Students with the Broad Range of Occupations for Which Special Skills are Required and the Requisites for Careers in Such Occupations.
Project Director: Wiseman, Glenn
Organization: Central Nebraska Technical Coll., Hastings.

The purpose of this continued project is to develop a questionnaire to send to each high school counselor monthly, conduct seminar-workshops, and introduce and disseminate project materials into upper elementary and junior high school levels. This will require a re-evaluation of films and tapes with the probable change in most tapes to less technical dialogue. Thirty-five film and tape libraries will be developed and placed in schools.

SB003052

Formal Summer Education to Fill the Supervised Experience Needs of Vocational Agriculture Students, by Using an Area Mobile Education Unit.
Project Director: Wedeking, Irving
Organization: Aurora School District 4R, Nebr.
Funding Period: Start Date 1 Apr 71; End Date 30 Jun 73

The purpose of this continued project is to finish the posttesting program, assemble all testing materials, and evaluate and complete the final report of the project. A mobile unit will continue to be used to assist young farmers in the Nebraska farm business analysis approach. Use of the unit will continue after completion of the project.

Fiscal Year 1972

SB003053

Omaha Suburban Area Council of Schools Project Recovery.
Project Director: McCoy, Harlan
Organization: Millard Public Schools, Nebr.
Funding Period: Start Date 15 May 72; End Date 14 May 73

Funding for this continued project will enable continuation of the following activities: (1) holding an inservice seminar, (2) continuing registration, (3) continuing vocational classes, (4) leasing suitable facilities for initiation of programs, (5) making a report of an extensive vocational guidance project undertaken by Westside High School, (6) developing vocational apprenticeship programs, and (7) conducting parental counseling.

SB003054

A Self-Contained Mobile Unit for Vocational Guidance and Counseling (Project Trailride).
Project Director: Snow, Robert
Organization: Platte Technical Community Coll., Columbus, Nebr.

The objectives of this project are to (1) increase the scope and impact of vocational guidance and information programs in the college service areas; (2) provide all persons in surrounding communities with a means for attaining vocational guidance; (3) assist currently employed counselors in expanding their vocational guidance services; and (4) contribute to the retention and upgrading of trained workers by increasing the quantity and quality of vocational guidance encounters.

SB003055

Occupational Orientation: A Project Designed to Familiarize Elementary, Junior and Senior High School Students with the Broad Range of Occupations for Which Special Skills are Required and the Requisites for Careers in Such Occupations.
Project Director: Wiseman, Glenn
Organization: Central Nebraska Technical Coll., Hastings.

The purpose of this continued project is to develop a questionnaire to send to each high school counselor monthly, conduct seminar-workshops, and introduce and disseminate project materials into upper elementary and junior high school levels. The latter will require a re-evaluation of films and tapes with the probable change in most tapes to less technical dialogue. Thirty-five film and tape libraries will be developed and placed in schools.

SB003056

Formal Summer Education to Fill the Supervised Experience Needs of Vocational Agriculture Students by Using an Area Mobile Education Unit.
Project Director: Wedeking, Irving
Organization: Aurora School District 4R, Nebr.
Funding Period: Start Date 1 Apr 71; End Date 30 Jun 73

The purpose of this continued project is to finish the posttesting programs by the last of April, assemble all testing materials, and evaluate and complete the final report of the project. A mobile unit will continue to be used to assist young farmers in the Nebraska farm business analysis approach. Use of the unit will continue after completion of the project.

Fiscal Year 1973

SB003057

The Implementation of A Comprehensive, K-Adult Career Education Program in a Rural Setting.
Organization: Kimball Public School Districts 1 and 3, Nebr.

Kimball Public School Districts 1 and 3 will develop, revise, and implement a school-based career education model. The model will develop a teacher-based comprehensive occupational guidance, counseling, and placement service for high school students; continue inservice education programs for school staff and community people; complete the systematic approach for follow-up of graduates and dropouts; and structure the elementary school curriculum around the theme of career opportunities and the world of work.

SB003058

Coordination of Field Services for Students Having Completed a Vocational Training Program at the Youth Development Center and Returned to Their Home Community.
Project Director: Bigelow, Brad W.
Organization: Youth Development Center, Kearney, Nebr.

The purpose of this project is to serve as a liaison between the institutional vocational training programs in which students have participated and the community. Other objectives include assisting in further vocational training when appropriate, locating employment contacts and resources, insuring consistent work habits, and aiding in the student's personal adjustment.

SB003059

Formal Summer Education to Fill the Supervised Experience Needs of Vocational Agriculture Students by Using an Area Mobile Education Unit.
Project Director: Wedeking, Irving C.
Organization: Aurora School District 4R, Nebr.
Funding Period: Start Date 1 Apr 71; End Date 30 Jun 73

The objectives of this project are to (1) provide a complete program of vocational agriculture by implementing a formal summer education program, (2) fulfill the needs of students enrolled in the five supervised experience programs in vocational agriculture, (3) provide special help to those students who are socioeconomically or academically handicapped and enrolled in vocational agriculture, and (4) assist students in making career choices and decisions.

SB003060

Omaha Suburban Area Council of Schools Project Recovery.
Project Director: McCoy, Harlan
Organization: Millard Public School District 17, Nebr.

Continued funding for this project will provide an inservice seminar, vocational counseling, student registration for general education classes, development of vocational apprenticeship programs, and parental counseling. Steps have been taken to establish a committee to correlate and disseminate data, a coordinator's office as a job opportunities clearinghouse, and a cooperative agreement among the seven member schools for psychiatric services of the Educational Service Unit.

SB003061

Lincoln Center Education Project - Placement Component.
Project Director: Spencer, Carl R.
Organization: Nebraska State Dept. of Education, Lincoln. Div. of Vocational Education.

This project aims to provide leadership for developing a cooperatively designed plan to achieve an improved program for delivering career education to youth and to provide management and support services necessary to assist participants in executing the plan. The project staff will develop, and assist schools and community in implementing, a service for exiting students to assist in their career development. Staff will also develop a system for identifying and developing community resources.

Fiscal Year 1974

SB003062 VTP-2024

Coordination of Field Services for Students Having Completed a Vocational Training Program at the Youth Development Center and Returned to Their Home Community.
Project Director: Bigelow, Brad W.
Organization: Youth Development Center, Kearney, Nebr.

The purpose of this project is to serve as a liaison between the institutional vocational training programs in which students have participated and the community. Other objectives include assisting in further vocational training when appropriate, locating employment contacts and resources, insuring consistent work habits, and aiding in the student's personal adjustment.

SB003063 VTP-1315

Career Exploration Through Technology.
Project Director: Brauer, Gilbert R.
Organization: Southeast Community Coll., Milford, Nebr.
Funding Period: Start Date 10 Jun 74; End Date 14 Jun 74

The objectives of this project are to provide secondary students with short-term exploratory experiences and at least one competency in one or more of the curriculum divisions and develop and enhance the concept of community services provided by the college in vocational technical areas.

Fiscal Year 1975

SB003064 VTP-1314

Coordination of Field Services for Students Having Completed a Vocational Training Program at the Youth Development Center and Returned to Their Home Community.
Project Director: Bigelow, Brad W.
Organization: Youth Development Center, Kearney, Nebr.
Funding Period: Start Date 16 Apr 74; End Date 15 Apr 75

The purpose of this project is to serve as a liaison between the institutional vocational training programs in which students have participated and the community. A coordinator would be involved in developing a plan for the student in terms of placement and the establishment of realistic vocational goals. He would also develop a comprehensive file containing suitable training programs and sources of employment in which the student might be involved.

SB003065 VTP-1313

Lincoln Career Education Project.
Project Director: Spencer, Carl R.
Organization: Lincoln Public Schools, Nebr.
Funding Period: Start Date 7 May 74; End Date 6 May 75

The objectives of this project are to provide leadership for the development of a cooperatively designed plan to achieve an improved program for delivering career education to youth and provide management and support services necessary to assist participants in executing the plan. The project staff will develop and assist schools and community to implement a service for existing students to assist them in career development. Staff will also develop a system for identifying and developing community resources.

SB003066

Implementation and Expansion of the VICA Student Organization at the Secondary and Postsecondary Levels in the State.
Organization: Nebraska Univ., Lincoln.

Descriptive information unavailable.

SB003067 VTP-2017

In-Service Program in Curriculum Design and Media Development for Selected Vocational Office Educators.
Project Director: Johnson, Margaret H.
Organization: Nebraska Univ., Lincoln.
Funding Period: Start Date 1 Jun 75; End Date 30 Jun 75

The purpose of this project is to enable vocational office educators at secondary and postsecondary levels to translate career education theory into curriculum models appropriate for the development of specialized secretarial and administrative office competencies and to improve skills in career guidance and development of student competencies in specialized office careers. A three-week inservice program will be conducted to develop curricular modules and instructional media.

SB003068 VTP-2016

The Development and Dissemination of a Manual for the Organization and Administration of Adult Distributive Education in Nebraska.
Project Director: Eggland, Steven A.
Organization: Nebraska Univ., Lincoln.
Funding Period: Start Date 15 May 75; End Date 31 Aug 75

The purpose of this study is to develop and disseminate a manual of guidelines to be used by distributive education teacher-coordinators in secondary and postsecondary schools. A review of the literature and a background search will be conducted, and the manual will be written from this information. The manual will be presented and distributed at a summer workshop.

SB003069 VTP-2015

The Implementation of a Comprehensive, K-Adult Career Education Program in a Rural Setting.
Project Director: Morehouse, Charles O.
Organization: Kimball Public School Districts 1 and 3, Nebr.
Funding Period: Start Date 1 Oct 75; End Date 30 Jun 76

Kimball Public School Districts 1 and 3 will develop, revise, and implement a school-based career education model. The model will develop a teacher-based comprehensive occupational guidance, counseling, and placement service for high school students; continue inservice education programs for school staff and community people; complete the systematic approach for follow-up of graduates and dropouts; and structure the elementary school curriculum around the theme of career opportunities and the world of work.

SB003070 VTP-2014

A Workshop to Develop Competency-Based Evaluation Strategies for Specialized Distributive Education Curriculum Areas.
Project Director: Burrow, James
Organization: Nebraska Univ., Lincoln.
Funding Period: Start Date 23 Jun 75; End Date 11 Jul 75

The objectives of this project are to select competencies appropriate for the occupational categories of apparel and accessories or food service, write specific behavioral objectives for the identified competencies, design activities to be used by students to demonstrate their competence in specified areas, and develop evaluation instruments that will measure the performance level of students. This activity will be accomplished through a one-week writer's workshop.

SB003071 VTP-1310

Home Economics Related Occupations Promotion in Nebraska Through Media, Visitations, and Professional Development.
Project Director: Fedje, Cheryl G.
Organization: Kearney State Coll., Nebr.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to investigate the opinions of secondary and community college home economics teachers and administrators concerning Home Ecnomics Related Occupations (HERO); conduct a public relations campaign for HERO; and identify and provide areas of competence that teachers and administrators need to organize, implement, and administer HERO programs. Two pilot HERO courses and a two-week summer institute will be taught.

Fiscal Year 1976

SB003072 VTP-2484

Youth Employment Services (Project Y.E.S.).
Project Director: Fleeman, Rodney
Organization: Sidney Public Schools, Nebr.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purposes of the Youth Employment Services project are to improve the linkage between the educational system and the Nebraska Job Service to effectively meet the job placement needs of students, provide students with relevant and up-to-date information on job placement opportunities, and assist students with job placement.

SB003073

The Summer Component in a Year-Round, Rural, Secondary Cooperative Education Model.
Project Director: King, Larry
Organization: Lyons School District 20, Nebr.
Funding Period: Start Date 1 Mar 76; End Date 29 Oct 76

The objectives of this project include (1) placing 40 percent of the students enrolled in the summer program in occupational areas not readily available as training stations in the Lyons community, (2) increasing the number of days on which cooperative training experiences are available to students, (3) increasing the number of tenth and eleventh grade students participating in the cooperative program, and (4) developing "Guidelines for a Summer Cooperative Education Program."

SB003074

Development of Curriculum Modifications for Vocational Agriculture in Nebraska.
Project Director: Dillon, Roy D.
Organization: Nebraska Univ., Lincoln. Dept. of Agricultural Education.
Funding Period: Start Date 1 May 76; End Date 30 Apr 77

The purpose of the curriculum modification project is to improve instructional programs in vocational agriculture. Specific objectives are to (1) involve twenty-four selected vocational agriculture teachers in an evaluation of curricula from other states following the consortium format; (2) prepare a Nebraska Vocational Agriculture Curriculum; (3) reproduce copies of new and revised materials for participants; and (4) establish a plan for progress evaluation, preservice education, and inservice education for teachers.

SB003075 VTP-2477

Development and Implementation of a Curriculum for a Nurse Refresher Course.
Project Director: Eggland, Carol
Organization: Southeast Community Coll., Lincoln, Nebr.
Funding Period: Start Date 3 May 76; End Date 29 Apr 77

This project intends to design and implement a curriculum for a nurse refresher course to update unemployed nurses' knowledge and skills and prepare them to return to employment. Procedures will include (1) use of an advisory committee to assist in identifying objectives and to plan content and methods of instruction, (2) use of existing curriculum materials as resources, (3) field test of the curriculum, (4) follow-up of participants and evaluation of course, and (5) dissemination of the curriculum throughout the state.

SB003076

Development of Articulation Procedures for Lincoln Public Schools and Southeast Nebraska Technical Community College.
Project Director: Jones, Buford W.
Organization: Lincoln Public Schools, Nebr.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of this project is to develop a model for articulation between secondary and postsecondary programs in vocational education. Two curriculum areas, auto mechanics and clerical office occupations, have been selected. Articulation activity procedures for staff members will be developed, and policies permitting placement of advanced high school students into postsecondary courses will be explored.

SB003077

The Nebraska Career Information System (NCIS).
Project Director: Mendenhall, Elton B.
Organization: Nebraska Occupational Needs Research Coordinating Unit, Lincoln.
Funding Period: Start Date 1 Sep 76; End Date 31 Aug 77

The goal of this project is to offer students an opportunity to explore career possibilities using current information relating to jobs, training programs, employment potential, and training institutions. Procedures will include initiating and coordinating activities designed to adopt or develop a career information and guidance package for 100 schools and adopting component structure of the Career Information System of Iowa (CISI) for application to Nebraska schools.

Fiscal Year 1977

SB003078 VTP-2850

Expanding Vocational Training Opportunities for Secondary Students Through ESU Coordination.
Project Director: Stern, Ivan D.
Organization: Nebraska Educational Service Unit 5, Beatrice.
Funding Period: Start Date 21 Feb 77; End Date 28 Feb 78

The goal of this project is to provide an alternative method for expanding entry level vocational educational opportunities for secondary students. Its objectives include preparing and presenting to local school boards and the ESU #5 board a comprehensive plan for organizing and operating a cooperative vocational training center through ESU #5; and, upon wide enough acceptance, implementing the plan.

SB003079 VTP-2853

Implementation of the Nebraska Core Curriculum for Vocational Agriculture.
Project Director: Blezek, Allen G.
Organization: Nebraska Univ., Lincoln. Dept. of Agriculture.
Funding Period: Start Date 1 May 77; End Date 30 Apr 78

This program aims to improve vocational agriculture instructional programs. Objectives include duplicating and distributing copies of the "Nebraska Vocational Agriculture Core Curriculum" to all vocational agriculture departments, developing and implementing inservice programs and strategies for incorporating the curriculum into the preservice teacher preparation program, and designing a self-perpetuating system for disseminating student materials.

SB003080

Expanding Vocational Training Opportunities for Secondary Students Through the Use of Mobile Classrooms.
Project Director: Miller, Gail E.
Organization: Arthur County High School, Nebr.
Funding Period: Start Date 1 Jul 77; End Date 31 Dec 77

The goal of the project is to develop a plan of expanding opportunities through a vocational cooperative in the Sandhills area of Nebraska. It intends to determine appropriate programs for the area schools which will provide for job entry skills, articulation with post-secondary programs, and service to the adult population. Other objectives include developing continuation and implementation plans.

SB003081 VTP-2852

Identification of Vocational Curriculum Priority Needs for Nebraska Secondary and Post-Secondary Schools.
Project Director: Colsden, Lyle
Organization: Kearney State Coll., Nebr.
Funding Period: Start Date 1 Apr 77; End Date 31 Mar 78

This project intends to broaden or improve vocational education curricula through the Nebraska Vocational Curriculum Resource Center (NVCRC). The program will provide secretarial assistance in the reorganization of the NVCRC, promote increased awareness and usage of the NVCRC by vocational teachers, develop a list of needs and directions for curriculum materials development and revision, and design and administer an evaluation instrument.

SB003082 VTP-2848

Curriculum Development of Re-Entry Course for Licensed Practical Nurses.
Project Director: Eggland, Carol
Organization: Southeast Community Coll., Lincoln, Nebr.
Funding Period: Start Date 1 May 77; End Date 30 Jun 78

The aim of this program is to design and implement a curriculum for a short term reentry course for licensed practical nurses who have been inactive. Objectives include orienting the inactive LPN to changing roles and new goals in nursing care and the health field, updating knowledge and skills, and providing supervised opportunities to give patient care in a hospital.

SB003083 VTP-2917

Utilizing Oklahoma Curriculum Materials in Automobile and Auto Body Programs.
Project Director: LaMay, Larry J.
Organization: Millard Public Schools, Omaha, Nebr.
Funding Period: Start Date 16 Aug 77; End Date 31 May 78

The purpose of this project is to improve the Millard High School vocational auto mechanics and auto body repair instructional programs through effective utilization of curricula developed in Oklahoma. Other objectives include providing the students of those programs with saleable entry level skills and knowledge and providing the instructors with professional growth through an inservice program.

SB003084

To Demonstrate Utilization of Oklahoma Vocational Trade And Industrial Student Materials in Nebraska.
Project Director: Fahrlander, Daniel C.

Organization: Omaha Public Schools, Nebr.
Funding Period: Start Date 16 Aug 77; End Date 9 Jun 78

The purpose of this project is to improve vocational instruction in the Omaha Public Schools through effective use of auto body, auto mechanics, machine shop, residential building construction, and welding curricula developed in Oklahoma. Objectives are to demonstrate utilization of these materials, provide an evaluation of the materials, and conduct a two-day orientation workshop for teachers.

NEVADA

Part C
Fiscal Years 1971-1977
Funding Supported the Research Coordinating Unit

Part D

Fiscal Year 1970

SB003085

Industrial Arts Curriculum Project (Combination with Commissioner's Half of Part D).
Organization: Washoe County School District, Reno, Nev.
Descriptive information unavailable.

SB003086

Special Counseling Program.
Organization: Clark County School District, Las Vegas, Nev.
Descriptive information unavailable.

SB003087

Technical Illustration Program.
Organization: Churchill County School District, Nev.
Descriptive information unavailable.

Fiscal Year 1971

SB003088

Industrial Arts Curriculum Project (Combination with Commissioner's Half of Part D).
Organization: Washoe County School District, Reno, Nev.
Descriptive information unavailable.

SB003089

Special Counseling Program.
Organization: Clark County School District, Las Vegas, Nev.
Descriptive information unavailable.

SB003090

Technical Illustration Program.
Organization: Churchill County School District, Nev.
Descriptive information unavailable.

SB003091

Exemplary Program Evaluation.
Organization: Nevada Occupational Research Coordinating Unit, Reno.
Descriptive information unavailable.

SB003092

Agriculture Marketing Technology.
Organization: Nevada Univ., Reno.
Descriptive information unavailable.

SB003093

Mobile Units for Vocational Business Education.
Project Director: Elser, Don
Organization: Elko County School District, Nev.
The purpose of this program is to provide public secondary school students in rural areas an opportunity to receive job training in office occupations and the chance to apply the skills in a job situation. Specific objectives are to bridge the gap between classroom learning of skills and their application through a model setup and provide opportunities for job preparation.

SB003094

Sequential Approach to Health Occupations.
Organization: Washoe County School District, Reno, Nev.
Descriptive information unavailable.

Fiscal Year 1972

SB003095

Industrial Arts Curriculum Project (Combination with Commissioner's Half of Part D).
Organization: Washoe County School District, Reno, Nev.
Descriptive information unavailable.

SB003096

Special Counseling Program.
Organization: Clark County School District, Las Vegas, Nev.
Descriptive information unavailable.

SB003097

Technical Illustration Program.
Organization: Churchill County School District, Nev.
Descriptive information unavailable.

SB003098

Mobile Units for Vocational Business Education.
Project Director: Elser, Don
Organization: Elko County School District, Nev.
The purpose of this program is to provide public secondary school students in rural areas an opportunity to receive job training in office occupations and the chance to apply the skills in a job situation. Specific objectives are to bridge the gap between classroom learning of skills and their application through a model setup and provide opportunities for job preparation.

SB003099

Sequential Approach to Health Occupations.
Organization: Washoe County School District, Reno, Nev.
Descriptive information unavailable.

SB003100

New Careers Project in Tele-Communications.
Organization: Clark County School District, Las Vegas, Nev.
Descriptive information unavailable.

SB003101

EPDA Career Guidance Project.

Project Director: Elser, Don
Organization: Elko County School District, Nev.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 72

This project intends to develop an Educational Learning Kit of Occupations (ELKO) microfilm deck from the Nevada Occupation Career Information. ELKO, California's VIEW, and Wyoming's WORK card decks will acquaint students with job and educational opportunities in Nevada and surrounding areas and provide students with career awareness, career exploration, and opportunity to develop career and educational decision-making skill.

SB003102

The Awareness of the World of Work Project.
Organization: Washoe County School District, Reno, Nev.

Descriptive information unavailable.

Fiscal Year 1973

SB003103

Career Education Program.
Project Director: Paul, John T., Jr.
Organization: Clark County School District, Las Vegas, Nev.
Funding Period: Start Date 1 Apr 73; End Date 31 Mar 76

Phase I of this three-year project to develop a K-12 career education program for all students will involve teacher orientation, curriculum revision to include career education concepts, and second phase planning. Objectives for Phase II include (1) implementing secondary level career guidance, (2) establishing junior high exploratory activities, (3) developing secondary level cluster programs and complementary course offerings, and (4) developing a placement system.

SB003104

The Disadvantaged Rural Children Career Education Project.
Organization: Humboldt County School District, Winnemucca, Nev.

Descriptive information unavailable.

SB003105

The PACER: Potentials for Achievement Through Career Exploration and Review.
Organization: Washoe County School District, Reno, Nev.

Descriptive information unavailable.

SB003106

The Sequential Approach to Health Occupations Project.
Organization: Washoe County School District, Reno, Nev.

Descriptive information unavailable.

SB003107

EPDA Career Guidance Project.
Project Director: Elser, Don
Organization: Elko County School District, Nev.

This project intends to develop an Educational Learning Kit of Occupations (ELKO) microfilm deck from the Nevada Occupation Career Information. ELKO, California's VIEW, and Wyoming's WORK card decks will acquaint students with job and educational opportunities in Nevada and surrounding areas and provide students with career awareness, career exploration, and opportunity to develop career and educational decision-making skill.

SB003108

Exemplary Program Third-Party Evaluation, The Advisory Council for Manpower Training and Career Education.
Organization: Carson City, Nev.

Descriptive information unavailable.

Fiscal Year 1974

SB003109

Career Education Program.
Project Director: Paul, John T., Jr.
Organization: Clark County School District, Las Vegas, Nev.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: OEG-0-73-5293

Objectives for the second year of this three-year project include (1) training ten task force members, who will train others, in the use of inservice materials, philosophy, content, teaching strategy, and processes; (2) developing eight films with accompanying prefilm and postfilm activities; (3) developing secondary level programs in five areas; and (4) testing and refining each of the five areas in pilot schools.

SB003110

PACER.
Organization: Washoe County School District, Reno, Nev.

Descriptive information unavailable.

Fiscal Year 1975

SB003111

Career Education Program.
Project Director: Paul, John T., Jr.
Organization: Clark County School District, Las Vegas, Nev.
Funding Period: Start Date 1 Jul 75; End Date 31 Mar 76
Contract and/or Control No.: OEG-0-73-5293

Objectives for the final year of this three-year project include (1) planning inservice programs for intermediate and secondary level principals, counselors, and teachers; (2) completing plans for the eighth grade exploratory project; (3) completing five course offerings complementary to career education clusters; (4) establishing a work experience coordinating unit; (5) developing and implementing a placement service; and (6) encouraging community participation.

SB003112

PACER: Potential for Achievement Through Career Exploration and Review.
Organization: Washoe County School District, Reno, Nev.

Descriptive information unavailable.

Fiscal Year 1976

SB003113

Comprehensive Career Planning and Placement Services.
Organization: Clark County Community Coll., Las Vegas, Nev.

Clark County Community College will develop and implement a comprehensive postsecondary career planning and placement center for all students, with special services for the handicapped and disadvantaged. Objectives include (1) providing the means for work entry for graduating students, (2) assisting in career exploration, (3) helping students develop self understanding, and (4) implementing an urban-based outreach vocational education program for the handicapped.

SB003114

Vocational Implementation Program.
Organization: Washoe County School District, Reno, Nev.

This project will help students develop career and educational decision-making skills, develop career awareness and awareness of self in relation to careers, become aware of the implications of local labor market demand for job choice, and understand the ramifications of vocational choice upon life style.

SB003115

Small High School Integrated Vocational Activity (SHIVA).
Project Director: Bleak, N. Lorell
Organization: Lincoln County School District, Panaca, Nev.
Funding Period: Start Date 1 Aug 75; End Date 31 May 76

This project will introduce students to a house construction project that will allow them to explore every aspect of housing construction, wiring, decorating, and bookkeeping. It seeks to have students deve-

lop career and educational decision-making skills, career awareness, and awareness of self in relation to careers.

Fiscal Year 1977

SB003116

Comprehensive Career Planning and Placement Services.
Organization: Clark County Community Coll., Las Vegas, Nev.

Clark County Community College will develop and implement a comprehensive postsecondary career planning and placement center for all students, with special services for the handicapped and disadvantaged. Objectives include (1) providing the means for work entry for graduating students, (2) assisting in career exploration, (3) helping students develop self understanding, and (4) implementing urban-based outreach vocational education program for the handicapped.

SB003117

Vocational Education Guidance.
Organization: Washoe County School District, Reno, Nev.

Descriptive information unavailable.

NEW HAMPSHIRE

Part C

Fiscal Year 1971

SB003118 **VTP-584**

Project Follow-Up.
Project Director: Majercik, David
Organization: New Hampshire Regional Center for Educational Training, Hanover.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objectives of this project are to prepare an annotated bibliography of the vocational follow-up projects conducted to date, develop a comprehensive instrument(s) for the continuous evaluation of graduates of vocational education programs, and develop a model plan for matching students with occupational opportunities and vocational curricula. The vocational education and related follow-up projects will be located, collected, and evaluated.

SB003119 **VTP-585**

Manchester Regional Vocational Education Planning Project (MANREVEP Project).
Project Director: Desruisseaux, Louis R.
Organization: Manchester School Dept., N.H.
Funding Period: Start Date 1 Apr 71; End Date 30 Aug 72

This project seeks to establish the MANREVEP project in Manchester. Procedures include assessing target population inputs into the proposed program; developing a curriculum based on assessed needs of area students, business, and industry which affords all students access to a wide range of sequential training; and determining the best method of infusing the program into the curriculum.

SB003120

The Development of a Curriculum Model for Vocational Education.
Project Director: Mills, Bertram V.
Organization: New Hampshire Vocational-Technical Coll., Claremont.
Funding Period: Start Date 1 Jun 71; End Date 30 Sep 73

This project intends to develop a more effective curriculum model which remedies cognitive and affective deficits in existing programs and provides for the attitudinal change among teachers which will prevent such deficits. The career awareness program will focus primarily on skills of decision making, planning, forecasting, communicating, and creativity and on self-concept and will use a multimedia and interdisciplinary approach.

SB003121

Development of an Information Network for Occupational Education.
Organization: New Hampshire Research Coordinating Unit for Vocational-Technical Education, Concord.

This project will develop a career information data system capable of serving a career education guidance and placement function. Objectives are to (1) evaluate current career information data systems, (2) provide data reflecting specifications for approximately 300 jobs in New Hampshire, (3) produce and disseminate aperture cards to secondary schools and vocational and technical institutes, and (4) introduce the data system concept using slide presentations to new students and teachers.

Fiscal Year 1972

SB003122 **VTP-577**

The Development of a Curriculum Model for Vocational Education.
Project Director: Cooper, Gloria S.
Organization: New Hampshire Vocational-Technical Coll., Claremont.
Funding Period: Start Date 1 Jun 71; End Date 30 Sep 73

This project intends to develop a more effective curriculum model which remedies cognitive and affective deficits in existing programs and provides for the attitudinal change among teachers which will prevent such deficits. The career awareness program will focus primarily on skills of decision making, planning, forecasting, communicating, and creativity and on self-concept and will use a multimedia and interdisciplinary approach.

Fiscal Year 1973

SB003123

Behavioral Objectives with an Emphasis on Individualized Instruction.
Project Director: Coombs, Kenneth I.
Organization: New Hampshire Vocational-Technical Coll., Berlin.
Funding Period: Start Date 18 Jun 73; End Date 29 Jun 73

This project intends to provide quality education to students by training twenty teachers, selected by New Hampshire Vocational-Technical College administrators, to individualize instruction in a management-by-objectives format. After the two-week seminar, participating teachers will submit plans according to the format, submit plans for learning activity packages, and individualize instruction in their classrooms in the next school year.

SB003124

Planning for Career Education in Concord Schools.
Project Director: Morin, David
Organization: Concord Union School District, N.H.

Project objectives include developing a sequential, coordinated curriculum for grades 1-6 in woodworking; increasing the amount of books and media in the resource center; organizing ten career education workshops, meetings, or conferences; and establishing a job opportunities program at the high school level. A job placement service will also be established and coordinated with business and industry.

SB003125

Community Needs Assessment for Vocational Education Planning in New Hampshire.
Project Director: Severance, Melvin J., III
Organization: Milford School District, N.H.
Funding Period: Start Date 1 Jan 73; End Date 1 Sep 73

To design an operational model for this assessment, project staff will (1) adopt or design and validate data collection instruments for analyses of manpower and skills, teacher characteristics, resources, and target populations; (2) test the model in Milford; (3) analyze data; (4) develop priorities for vocational programs; and (5) develop, reproduce, and disseminate 200 copies of a handbook documenting the model, instruments, and procedures.

SB003126

Curriculum Revision Planning Research Grant.
Organization: New Hampshire Vocational-Technical Coll., Claremont.

Descriptive information unavailable.

SB003127

Follow-Up Study of Students Exited from Selected Vocational Programs in New Hampshire Secondary Schools.
Project Director: Annis, William H.
Organization: New Hampshire Univ., Durham.
Funding Period: Start Date 15 Jun 73; End Date 1 Jan 74

This survey will produce follow-up information for program planning in vocational education. Students from selected high schools who finished vocational programs in 1968, 1970, and 1972, and a randomly selected group of general studies program students will participate in the study to determine the relationship of educational background to subsequent occupation. Staff will provide a report of cumulative state-wide responses for each participating school.

SB003128

Development of an Occupational Information Data System for the State of New Hampshire.
Project Director: Paul, Nicholas L.
Organization: New Hampshire Univ., Durham.
Funding Period: Start Date 18 Jun 73; End Date 30 Jun 74

This project will develop a career information data system capable of serving a career education guidance and placement function. Objectives are to (1) evaluate current career information data systems, (2) provide data reflecting specificatins for approximately 300 jobs in New Hampshire, (3) produce and disseminate aperture cards to secondary schools and vocational and technical institutes, and (4) introduce the data system concept using slide presentations to new students and teachers.

Fiscal Year 1974

SB003129 VTP-1448

Curriculum Development Coordination for New Hampshire Secondary Vocational Education.
Project Director: Gustafson, Richard A.
Organization: Keene State Coll., N.H.
Funding Period: Start Date 1 Jul 74; End Date 30 Sep 74

The objectives of the program are to provide inservice training and coordination to the task analysis projects in Nashua, Dover, and Conway and develop a long-range plan for curriculum development in secondary vocational education. Procedures will include holding weekly meetings of the project staff to monitor progress, share information, and attempt to solve problems.

SB003130 VTP-1449

Developing, Field Testing, and Implementing a Vocational Electronic Skills Training Curriculum.
Project Director: Cepaitis, John
Organization: Nashua High School, N.H.
Funding Period: Start Date 1 Jul 74; End Date 31 Dec 74

The purpose of the project is to develop a curriculum to include task analysis, curriculum philosophy and objectives and approximately fifty learning packages containing unit objectives, learning activities, and unit evaluation. Procedures will include implementing and evaluating the program.

SB003131

Performance Skills Profile.
Project Director: Hamblin, Ed
Organization: Contoocook Valley Regional High School, Peterborough, N.H.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project intends to develop a skills profile for each of the folowing vocational programs: building construction, vocational drafting, electronics, residential wiring, health occupations, food service, secretarial office procedures, clerical office procedures, accounting, machine tool processes, graphic arts, and horticulture. The purpose of the profiles will be to highlight a student's ability in the program pursued.

SB003132 VTP-1450

Programs for Dropouts.
Project Director: Tate, Fran
Organization: Salem High School, N.H.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project seeks to prepare, distribute, and field test packages to assist potential dropouts with the problems they will face upon dropping out. Procedures will include conducting an ERIC search of dropout problems, developing interview techniques, and printing 400 questionnaires to be used to identify common problems faced by dropouts and the methods they used to solve their problems.

SB003133

Community Needs Assessment for Vocational Education Planning in New Hampshire.
Project Director: Severance, Melvin J., III
Organization: Milford School District, N.H.

To design an operational model for this assessment, project staff will (1) adopt or design and validate data collection instruments for analyses of manpower and skills, teacher characteristics, resources, and target populations; (2) test the model in Milford; (3) analyze data; (4) develop priorities for vocational programs; and (5) develop, reproduce, and disseminate 200 copies of a handbook documenting the model, instruments, and procedures.

SB003134

Bread and Butterflies.
Organization: Somersworth School District, N.H.

Descriptive information unavailable.

SB003135

Follow-Up Study of Students Exited from Selected Vocational Programs in New Hampshire Secondary Schools.
Project Director: Annis, William H.
Organization: New Hampshire Univ., Durham.

This survey will produce follow-up information for program planning in vocational education. Students from selected high schools who finished vocational programs in 1968, 1970, and 1972, and a randomly selected group of general studies program students will participate in the study to determine the relationship of educational background to subsequent occupation. Staff will provide a report of cumulative state-wide responses for each participating school.

SB003136

Multi-Media Multi-Faceted Approach to Instructing Fire Department Pump Operations.
Project Director: Bush, Barry
Organization: New Hampshire State Dept. of Education, Concord. Div. of Vocational-Technical Education.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project seeks to individualize the multimedia pump course, duplicate and distribute copies of the course throughout New Hampshire, and provide videotape equipment with playback capabilities for use with the course.

Fiscal Year 1975

SB003137 VTP-2220

Concord Career Education Project (Continuation).
Project Director: Morin, David
Organization: Concord Union School District, N.H.
Funding Period: Start Date 1 Jul 75; End Date 31 Dec 75

This project is a continuation of the Concord Career Education Project. The objectives include developing a sequential, coordinated curriculum for grades 1-6 in woodworking; increasing the amount of books and media in the resource center; organizing ten career education workshops/meetings, or conferences; and establishing a job opportunities program at the high school level. A job placement service will also be established and coordinated with business and industry.

SB003138 VTP-1772

Multi-Media Multi-Faceted Approach to Instructing Fire Department Pump Operations.
Project Director: Bush, Barry
Organization: New Hampshire State Dept. of Education, Concord. Div. of Vocational-Technical Education.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 75

This continuing project will develop a course and instruct forty-three state fire service training instructors. The course packages developed will be disseminated throughout the state. The objective is to evaluate skill acquisition by fire fighters subjected to this program by pretesting and posttesting under contrived situations and comparing with control groups which will be similarly tested.

SB003139 VTP-1824

Project Challenge.
Project Director: Stoughton, John C.
Organization: Claremont School District, N.H.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project will initiate a search to identify all experiential learning programs and review all materials from the search to identify components which could be utilized in Project Challenge. Procedures will include providing training in the methodology of experiential learning to a minimum of ten new faculty members and providing additional training for instructors already involved in the project.

SB003140 VTP-1916

A NEEDS SURVEY: Vocational Education Students With Educational Handicaps–Strafford County.
Project Director: Dunton, Charles D.
Organization: Strafford Learning Center, Somersworth, N.H.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

The purpose of the project is to identify the vocational education students in Strafford County whose school achievement is impeded by a learning disability and who would benefit from corrective measures. Procedures will include administering a needs survey questionnaire to teachers of the students so described and assessing the response of existing programs to the needs of students with learning disabilities.

SB003141 VTP-1915

New Hampshire Needs Assessment Handbook, Phase II.
Project Director: Gustafson, Richard A.
Organization: Keene State Coll., N.H.
Funding Period: Start Date 1 Dec 74; End Date 30 Sep 75

The objectives of the project are to design, develop, and produce a supplementary section for the handbook which presents alternative ways of addressing needs assessment and a usable document which provides instruction and demonstrates case studies in using needs assessment data to develop vocational education plans. The document will be task oriented and have a workbook approach.

SB003142 VTP-1914

Job Placement Component.
Project Director: Farhm, Edwin O.
Organization: Contoocook Valley Regional High School, Peterborough, N.H.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

The objective of this project is to insure that all students seeking work are given assistance in obtaining jobs which are consistent with their training and long-range development. Procedures will include establishing cooperative relationships with prospective employers and informing them of the training programs and services provided to students to help them choose jobs consistent with their training.

SB003143 VTP-1913

Performance Skills Profiles for Secondary Vocational Education Programs.
Project Director: Aldrich, Paul
Organization: Dover Supervisory Union School District 11, N.H.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

The purpose of the project is to provide experience for teachers to translate the occupational analysis into classroom learning through writing instructional objectives for their courses. Procedures will include collecting task analyses and profiles throughout the states, evaluating the material, and developing the final performance skills profile for each occupation selected as part of the cluster.

SB003144

A Proposal for an Occupational Education Resource Center.
Project Director: Paul, Nicholas L.
Organization: New Hampshire Univ., Durham.

The primary purpose of this project is to supply resource materials to distributive education, trade and industrial, health occupations, and agriculture secondary teachers. Career and manpower data will be collected and disseminated in microfiche form as the New Hampshire VIEW (Vital Information for Education and Work) System. Inservice workshops will be conducted to acquaint users with both the Resource Center and VIEW.

Fiscal Year 1976

SB003145

A Study of the Effectiveness of Vocational Education at Berlin Area Vocational Center.
Project Director: Pinette, Richard
Organization: Berlin School Dept., N.H.
Funding Period: Start Date 1 Jul 75; End Date 31 Dec 75

This project will obtain, tabulate, and categorize pertinent information from graduates of Berlin vocational programs and from their employers, compile a comprehensive report, and use the report with advisory committees to evaluate the programs and make appropriate changes. Procedures include designing survey instruments for graduates and for employers.

SB003146

A Follow-Up Survey of the Graduates of the High Schools in Vocational Region Eight of New Hampshire.
Project Director: Ross, Eugene W.
Organization: Laconia School District, N.H.

This project will provide an updated data base for decision making. It will use a combination mail and telephone technique to survey 1974, 1972, 1970, and 1968 graduates of Belmont (Shaker Regional), Bristol (Newfound), Franklin, Laconia, Meredith (Inter-Lakes), and Tilton (Winnisquam) schools.

SB003147

A Study of Drop-Outs.
Project Director: Holt, Robert S.
Organization: Lebanon School District, N.H.
Funding Period: Start Date 1 Jul 75; End Date 22 Aug 75

A survey of Lebanon High School dropouts seeks to determine curriculum changes that might entice the school leaver to stay and those which might provide students with job entry skills earlier in the high school program. The project will prepare and disseminate final reports of the results of the data obtained from the questionnaire.

SB003148

Industrial Vocabulary Kits.
Organization: Rochester School Dept., N.H.

Descriptive information unavailable.

SB003149

New Hampshire Needs Assessment Handbook, Phase II.
Project Director: Gustafson, Richard A.
Organization: Keene State Coll., N.H.

The objectives of the project are to design, develop, and produce a supplementary section for the handbook which presents alternative ways of addressing needs assessment and a usable document which provides instruction and demonstrates case studies in using needs assessment data to develop vocational education plans. The document will be task oriented and have a workbook approach.

SB003150

Discriminatory Factors of Social Adjustment for Transitional Students.

Project Director: Hansen, Larry James
Organization: New Hampshire Univ., Durham.
Funding Period: Start Date 1 Jun 74; End Date 30 Jun 76

This project will try to measure the effectiveness of special education classes in stimulating social interest. Staff will administer Sullman's Scale of Social Interest to selected seventh and eighth grade students to determine its usefulness as a key variable combined with other relevant variables (I.E., sex, socioeconomic status, readng scores, I.Q. parents' marital status, etc.) in differentiating between special needs (transitional) and nontransitional students.

SB003151 **VTP-2221**

New Hampshire Model for Vocational Guidance, Counseling, Placement and Follow-Up Services.
Project Director: Gustafson, Richard
Organization: Keene State Coll., N.H.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The objectives of this project are to develop and test the New Hampshire Model Handbook and associated professional development training materials and develop, test, implement, and disseminate the New Hampshire Model in Vocational Guidance, Counseling, Placement, and Follow-Up Services. Following this implementation, an awareness session for superintendents will be conducted, and follow-up workshops will be held.

SB003152

Development of Individualized Instruction Proposal.
Project Director: Gustafson, Richard
Organization: Keene State Coll., N.H.
Funding Period: Start Date 1 Jan 76; End Date 1 Mar 76

The purpose of this project is to design and develop a proposal to test five different approaches to individualized instruction. Keene State College will work with state department, college, and local vocational educators to develop a plan for organizing, strengthening, and testing five models of individualized curriculum in New Hampshire.

SB003153

A Proposal for an Occupational Education Resource Center
Project Director: Paul, Nicholas L.
Organization: New Hampshire Univ., Durham.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The primary purpose of this project is to supply resource materials to distributive education, trade and industrial, health occupations, and agriculture secondary teachers. Career and manpower data will be collected and disseminated in microfiche form as the New Hampshire VIEW (Vital Information for Education and Work) System. Inservice workshops will be conducted to acquaint users with both the Resource Center and VIEW.

SB003154 **VTP-2589**

Project LAVA (Linking a Vocational Area).
Project Director: Morin, David
Organization: Concord Union School District, N.H.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The objectives of this project are to develop an effective dissemination model with Vocational Area 11, create an awareness of career education within the area, and encourage the increased use of the educational resources. Procedures will involve sponsoring career education workshops, initiating career education mini-grants, and conducting workshops and seminars in other school districts.

SB003155 **VTP-2592**

Vocational Diffusion Assistance Project.
Project Director: Belden, Glen
Organization: Facilitator Center, Concord, N.H.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The aims of this project are to assist the vocational education community in becoming more aware of model programs available in the National Diffusion Network (NDN), make the adaptation and replication of existing proven models a viable means of program improvement, and assist educators to implement components of the NDN model programs. Through dissemination, training, monitoring, technical assistance, and evaluation, schools will adopt proven practices.

SB003156 **VTP-2591**

To Prepare Proposal for Solar/Wind Energy for Building Construction Structure.
Project Director: Hamblin, Edward
Organization: Contoocook Valley School District, Peterborough, N.H.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will prepare a detailed proposal for funds to implement, develop, and operate a solar/wind energy program at Conval High School using the building structure as a model and laboratory. This program will provide research data for making decisions for the use of solar/wind energy, supply technical and cost data to other schools and communities, and educate students about all types of construction.

SB003157

A Proposal for an Occupational Education Resource Center.
Project Director: Paul, Nicholas L.
Organization: New Hampshire Univ., Durham.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The primary purpose of this project is to supply resource materials to distributive education, trade and industrial, health occupations, and agriculture secondary teachers. Career and manpower data will be collected and disseminated in microfiche form as the New Hampshire VIEW (Vital Information for Education and Work) System. Inservice workshops will be conducted to acquaint users with both the Resource Center and VIEW.

SB003158 **VTP-2586**

Employer Evaluation Practices and Its Impact on Vocational Programs.
Project Director: Gustafson, Richard
Organization: Keene State Coll., N.H.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will determine current employer practices in personnel performance evaluation and promote vocational program modification to insure that program content addresses employee performance evaluation criteria. Through a series of interviews and questionnaires, project staff will identify the employee characteristics which employers consider important in their evaluation of employee performance.

Fiscal Year 1977

SB003159 **VTP-2589**

Project LAVA (Linking a Vocational Area).
Project Director: Morin, David
Organization: Concord Union School District, N.H.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will develop a dissemination model within a vocational area capable of being replicated and adopted by any other vocational area in the state. Objectives include creating an awareness of career education within Vocational Area 11 and encouraging increased use of educational resources of the Concord Career Education Project. Procedures include career education workshops, mini-grants, and use of materials from the Career Education Resource Center.

SB003160 **VTP-2592**

Vocational Diffusion Assistance Project.
Project Director: Belden, Glen
Organization: Facilitator Office, Concord, N.H.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The objectives of this project are to assist the vocational education community to become more aware of model programs available in the National Diffusion Network (NDN), make the use of existing proven models a viable means of program improvement, and assist educators to implement components of the NDN model programs.

SB003161 **VTP-2591**

To Prepare Proposal for Solar/Wind Energy for Building Construction Structure.

Project Director: Hamblin, Edward
Organization: Contoocook Valley School District, Peterborough, N.H.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will provide a detailed proposal for funds to implement, develop, and operate a solar/wind energy program at Conval High School using the building structure as a model and laboratory. This program will provide research data for making valid decisions for the use of solar/wind energy, supply technical and cost data to other schools and communities with environments similar to this area, and educate students about all types of construction.

SB003162

A Proposal for an Occupational Education Resource Center
Project Director: Paul, Nicholas L.
Organization: New Hampshire Univ., Durham.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The primary purpose of this project is to supply resource materials to distributive education, trade and industrial, health occupations, and agriculture secondary teachers. Career and manpower data will be collected and disseminated in microfiche form as the New Hampshire VIEW (Vital Information for Education and Work) System. Inservice workshops will be conducted to acquaint users with both the Resource Center and VIEW.

SB003163 **VTP-2586**

Employer Evaluation Practices and Its Impact on Vocational Programs.
Project Director: Gustafson, Richard
Organization: Keene State Coll., N.H.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will determine current employer practices in personnel performance evaluation and promote vocational program modification to insure that program content addresses employee performance evaluation criteria. Through a series of interviews and questionnaires, project staff will identify the employee characteristics which employers consider important in their evaluation of employee performance.

Part D

Fiscal Year 1970

SB003164

Computer Training and Use in New Hampshire Vocational-Technical College.
Project Director: Gorka, Thomas
Organization: New Hampshire Vocational-Technical Coll., Claremont.
Funding Period: Start Date 1 Jul 69; End Date 30 Jun 72

This project seeks to train three instructors, who will then train interested staff and students, to use BASIC programming language. Other objectives include providing a teletype with direct-line connection to Kiewit Computation Center, Dartmouth College, and exposing all staff to BASIC programming language and time-sharing utilization through consultant-speakers, demonstrations, films, and field trips.

SB003165

An Interdisciplinary Approach to Plant-Life Science for the Disadvantaged Student.
Project Director: Johnson, Robert H.
Organization: Pembroke Academy, Suncook, N.H.
Funding Period: Start Date 1 Sep 70; End Date 30 Jun 73
Contract and/or Control No.: 5-1-70

Objectives of this project include providing opportunities for disadvantaged students to develop career awareness and traits and abilities for marketing jobs, and for organizing and applying technical agricultural knowledge. The project will also provide students an understanding of management, labor, and economic conditions by offering studies of plant-life sciences and related occupational areas, satisfy a regional need for people so trained, and provide practical experiences in recognizing conservation and pollution problems.

SB003166

A Short-Term Program for the Purpose of Planning an Exemplary (Operational) Project to Develop an Educational Continuum for the Health Occupations Using a Systems Approach.
Project Director: Peters, H. Irene
Organization: New Hampshire Health Careers Council, Concord.
Funding Period: Start Date 1 Oct 70; End Date 30 Mar 71

The objective of this program is to plan for a three-phase sequential operational project in health occupations education, using a systems approach, which will reliably document the validity of ladder and lattice concepts in education and be a model for educational strategies and career planning. Phase I will develop a core curriculum and educational continuum from one-year postsecondary programs to two-year programs in health occupations education.

SB003167

A Planning Project to Develop A Systems Aproach to the Learning of Physics.
Project Director: Stoodley, Roland V., Jr.
Organization: New Hampshire Vocational-Technical Coll., Claremont.
Funding Period: Start Date 1 May 71; End Date 1 Oct 71

The purpose of this project is to develop a program of individualized instruction in the basic physics course. The objectives are to (1) establish affective and cognitive behavioral objectives, (2) compose individualized instructional units, (3) establish a series of evaluation units to measure the efficiency of learning, and (4) develop a model of research and implementation to evaluate postsecondary-level individualized instruction.

SB003168

Complete Occupational Education Development (COED).
Organization: Keene Union School District, N.H.

Descriptive information unavailable.

SB003169

Project to Improve the Use of Occupational Information in New Hampshire.
Organization: New Hampshire State Dept. of Education, Concord. Guidance Services.

Descriptive information unavailable.

SB003170

Model Machine Shop for Drafting Instruction.
Project Director: Jackson, Carl R.
Organization: White Mountains Regional High School, Whitefield, N.H.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

This project seeks to provide a model machine shop to integrate secondary trade and industrial drafting curriculum with associated machine shop work, thereby enabling students to qualify for entry-level draftsman positions; develop career awareness for draftsman, machinist, planner, cost estimator, time and motion study, and quality control occupations; and gain knowledge of machines and machine capabilities, of precision tools and dimensional measurement, and of the manufacturing industry.

SB003171

Pre-Nursing Study and Vocational Skills in Preparation Project.
Project Director: Paine, Olive C.
Organization: New Hampshire Vocational-Technical Coll., Berlin.

The purpose of this project is to assist French-speaking prepractical nursing students with English reading and study skills, basic math, and pertinent science concepts. Students will receive group and individual counseling, use library facilities, engage in vocabulary practice and problem solving in basic math, and study the metric system.

SB003172

Natural and Environmental Science Curriculum.
Project Director: Palmer, Wilbur H.
Organization: Hudson School District, N.H.

Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

This project for disadvantaged secondary students and adults will establish an interdisciplinary program of natural and environmental sciences to (1) train students for entry-level employment in related occupations, (2) motivate potential dropouts by providing skills, (3) provide adults the opportunity for developing entry-level skills or upgrading employment skills, and (4) satisfy a regional need for persons so trained.

SB003173

Special Education Vocational Program.
Project Director: Huddleston, John S.
Organization: White Mountains Supervisory District 35, Littleton, N.H.
Funding Period: Start Date 1 Sep 70; End Date 30 Jul 73

The purpose of this project is to provide a nongraded special vocational program of individualized instruction to disadvantaged and handicapped students in grades 7-12. It will include providing adequate testing and screening to insure students are placed in suitable training fields, providing opportunities for on-the-job training, and preparing students for placement directly on the job at the conclusion of their training.

Fiscal Year 1971

SB003174

Complete Occupational Education Development (COED).
Organization: Keene Union School District, N.H.

Descriptive information unavailable.

SB003175

Project to Improve the Use of Occupational Information in New Hampshire.
Organization: New Hampshire State Dept. of Education, Concord. Guidance Services.

Descriptive information unavailable.

SB003176

Model Machine Shop for Drafting Instruction.
Project Director: Jackson, Carl R.
Organization: White Mountains Regional High School, Whitefield, N.H.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

This project seeks to provide a model machine shop to integrate secondary trade and industrial drafting curriculum with associated machine shop work, thereby enabling students to qualify for entry-level draftsman positions; develop career awareness for draftsman, machinist, planner, cost estimator, time and motion study, and quality control occupations; and gain knowledge of machines and machine capabilities, of precision tools and dimensional measurement, and of the manufacturing industry.

SB003177

Pre-Nursing Study and Vocational Skills in Preparation Project.
Project Director: Paine, Olive C.
Organization: New Hampshire Vocational-Technical Coll., Berlin.

The purpose of this project is to assist French-speaking prepractical nursing students with English reading and study skills, basic math, and pertinent science concepts. Students will receive group and individual counseling, use library facilities, engage in vocabulary practice and problem solving in basic math, and study the metric system.

SB003178

Natural and Environmental Science Curriculum.
Project Director: Palmer, Wilbur H.
Organization: Hudson School District, N.H.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

This project for disadvantaged secondary students and adults will establish an interdisciplinary program of natural and environmental sciences to (1) train students for entry-level employment in related occupations, (2) motivate potential dropouts by providing skills, (3) provide adults the opportunity for developing entry-level skills or upgrading employment skills, and (4) satisfy a regional need for persons so trained.

SB003179

Special Education Vocational Program.
Project Director: Huddleston, John S.
Organization: White Mountains Supervisory District 35, Littleton, N.H.
Funding Period: Start Date 1 Sep 70; End Date 30 Jul 73

The purpose of this project is to provide a nongraded special vocational program of individualized instruction to disadvantaged and handicapped students in grades 7-12. It will include providing adequate testing and screening to insure students are placed in suitable training fields, providing opportunities for on-the-job training, and preparing students for placement directly on the job at the conclusion of their training.

SB003180

Introduction to Foundry Processes.
Project Director: Scelza, Richard W., Sr.
Organization: Fall Mountain Regional High School, Alstead, N.H.
Funding Period: Start Date 1 Sep 71; End Date 30 Jun 72

This project in basic foundry practices and operations will integrate drafting, machine operations, and industrial arts students into a project approach curriculum. Teams formed in the Vocational-Industrial Clubs of America youth organization will produce and carry out project plans involving drafting, woodworking, and machine operations procedures to acquire knowledge of the complete casting process.

SB003181

Diversified Occupations in Recreation.
Project Director: Davidson, George T., Jr.
Organization: Conway School District, N.H.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 74

This project in recreation and supportive enterprises seeks to develop in secondary students appropriate work attitudes and entry-level skills, with some students acquiring sufficient skill to enter highly specialized jobs. Other objectives of the interdisciplinary work experience program include motivating potential dropouts through skills acquisition and providing students opportunities to earn money.

Fiscal Year 1972

SB003182

Project to Improve the Use of Occupational Information in New Hampshire.
Organization: New Hampshire State Dept. of Education, Concord. Guidance Services.

Descriptive information unavailable.

SB003183

Model Machine Shop for Drafting Instruction.
Project Director: Jackson, Carl R.
Organization: White Mountains Regional High School, Whitefield, N.H.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

This project seeks to provide a model machine shop to integrate secondary trade and industrial drafting curriculum with associated machine shop work, thereby enabling students to qualify for entry-level draftsman positions; develop career awareness for draftsman, machinist, planner, cost estimator, time and motion study, and quality control occupations; and gain knowledge of machines and machine capabilities, of precision tools and dimensional measurement, and of the manufacturing industry.

SB003184

Pre-Nursing Study and Vocational Skills in Preparation Project.
Project Director: Paine, Olive C.
Organization: New Hampshire Vocational-Technical Coll., Berlin.
Funding Period: Start Date 20 Jun 72; End Date 30 Nov 73

The purpose of this project is to assist French-speaking prepractical nursing students with English reading and study skills, basic math, and pertinent science concepts. Students will receive group and individual counseling, use library facilities, engage in vocabulary practice and problem solving in basic math, and study the metric system.

SB003185

Natural and Environmental Science Curriculum.
Project Director: Palmer, Wilbur H.
Organization: Hudson School District, N.H.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

This project for disadvantaged secondary students and adults will establish an interdisciplinary program of natural and environmental sciences to (1) train students for entry-level employment in related occupations, (2) motivate potential dropouts by providing skills, (3) provide adults the opportunity for developing entry-level skills or upgrading employment skills, and (4) satisfy a regional need for persons so trained.

SB003186

Special Education Vocational Program.
Project Director: Huddleston, John S.
Organization: White Mountains Supervisory District 35, Littleton, N.H.
Funding Period: Start Date 1 Sep 70; End Date 30 Jul 73

The purpose of this project is to provide a nongraded special vocational program of individualized instruction to disadvantaged and handicapped students in grades 7-12. It will include providing adequate testing and screening to insure students are placed in suitable training fields, providing opportunities for on-the-job training, and preparing students for placement directly on the job at the conclusion of their training.

SB003187

Diversified Occupations in Recreation.
Project Director: Davidson, George T., Jr.
Organization: Conway School District, N.H.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 74

This project in recreation and supportive enterprises seeks to develop in secondary students appropriate work attitudes and entry-level skills, with some students acquiring sufficient skill to enter highly specialized jobs. Other objectives of the interdisciplinary work experience program include motivating potential dropouts through skills acquisition and providing students opportunities to earn money.

SB003188

Technical Assistance Grant.
Organization: Concord School District, N.H.

Descriptive information unavailable.

SB003189

Career Concepts: Urban Applications.
Organization: Manchester School District, N.H.

Descriptive information unavailable.

SB003190

Exploring the World of Work.
Project Director: Ross, Robert J.
Organization: Franklin School District, N.H.
Funding Period: Start Date 1 Jan 73; End Date 31 Dec 73

Goals for this project include developing career awareness, developing student skills in decision making, field-testing the New Hampshire Guidelines for Career Education, and developing community involvement in the program, using at least ten resource persons. Student activities include making onsite job visits to interview and photograph workers; making three or more resource units; and conducting market research to choose a product to purchase, promote and sell in the school store.

Fiscal Year 1973

SB003191

Governor Wentworth School District - Grade Five Career Education Program.
Project Director: Johnston, David
Organization: Wolfeborough Public Schools, N.H.
Funding Period: Start Date 1 Feb 73; End Date 8 Jun 73

This project will field test the New Hampshire Guidelines for Career Education, develop student career and self-awareness, and promote community involvement. The program will be implemented in all district fifth grade classes. Student activities include conducting interviews at job sites and by speaker phone, presenting a job fair, hearing resource persons, and participating in field trips.

SB003192

Careers Concepts Urban Applications.
Project Director: Kehas, Chris D.
Organization: Manchester School Dept., N.H.
Funding Period: Start Date 5 Feb 73; End Date 30 Jun 73

This project will field test the New Hampshire Guidelines for Career Education at four levels, identify problems associated with career education strategies, and develop a complementary relationship between teachers and counselors. Procedures include forming a career education task force to develop objectives and activities for testing one of the three concepts from the guidelines.

SB003193

A Career Education Program for Somersworth School District.
Project Director: Carroll, James W.
Organization: Somersworth School District, N.H.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project will enable elementary and secondary students to develop self-awareness, decision-making skills, and career awareness and begin career exploration. It will develop educational strategies for curriculum and for guidance and counseling. The project will feature one, two, and three-day outdoor field experiences; one-day job and home sharing experiences with community citizens; minicourses; and work experiences.

SB003194

Model Machine Shop for Drafting Instruction.
Project Director: Jackson, Carl R.
Organization: White Mountains Regional High School, Whitefield, N.H.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

This project seeks to provide a model machine shop to integrate secondary trade and industrial drafting curriculum with associated machine shop work, thereby enabling students to qualify for entry-level draftsman positions; develop career awareness for draftsman, machinist, planner, cost estimator, time and motion study, and quality control occupations; and gain knowledge of machines and machine capabilities, of precision tools and dimensional measurement, and of the manufacturing industry.

SB003195

Natural and Environmental Science Curriculum.
Project Director: Palmer, Wilbur H.
Organization: Hudson School District, N.H.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

This project for disadvantaged secondary students and adults will establish an interdisciplinary program of natural and environmental sciences to (1) train students for entry-level employment in related occupations, (2) motivate potential dropouts by providing skills, (3) provide adults the opportunity for developing entry-level skills or upgrading employment skills, and (4) satisfy a regional need for persons so trained.

SB003196

Writing Grant for Career Education Proposal.
Organization: Somersworth School District, N.H.

Descriptive information unavailable.

SB003197

Diversified Occupations in Recreation.
Project Director: Davidson, George T., Jr.
Organization: Conway School District, N.H.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 74

This project in recreation and supportive enterprises seeks to develop in secondary students appropriate work attitudes and entry-level skills, with some students acquiring sufficient skill to enter highly

specialized jobs. Other objectives of the interdisciplinary work experience program include motivating potential dropouts through skills acquisition and providing students opportunities to earn money.

SB003198

LPN Remediation Program.
Organization: New Hampshire Vocational-Technical Coll., Berlin.
Descriptive information unavailable.

SB003199

A Project to Improve the Use of Occupational Information in New Hampshire.
Project Director: Wingate, Earle F.
Organization: New Hampshire Personnel and Guidance Association, Concord.
Funding Period: Start Date 1 Oct 70; End Date 30 Jun 73

This secondary and postsecondary project will promote inservice education activities for school counselors and conduct follow-up studies, community occupational surveys, and activities to establish closer working relationships between community industries and community schools and assist counselors in stimulating student interest in career exploration.

Fiscal Year 1974

SB003200

Vocational Guidance and Placement.
Project Director: Holt, Robert S.
Organization: New Hampshire Supervisory Union 32, Lebanon.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project intends to provide a vocational guidance and placement service component at Lebanon High School. Specific objectives include providing vocational assessment of all students in grades 9-10, creating a performance skills profile chart with a record of interests and aptitudes, providing an occupational information resource area, increasing students' occupational knowledge, and developing and implementing a job placement service for terminating students.

SB003201 VTP-1459

Concord Career Education Project - Implementing.
Project Director: Morin, David
Organization: Concord School District, N.H.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purpose of this project is to establish and operate a career education resource center in the school district office to house printed and nonprinted materials accumulated by this project. Teachers, students, parents, and citizens in the community will have access to accurate and reliable information about the world of work. Procedures include maintaining logs of resource center use.

SB003202

Concord Career Education Project - Implementing.
Project Director: Morin, David
Organization: Concord School District, N.H.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purpose of this project is to establish and operate a career education resource center in the school district office to house printed and nonprinted materials accumulated by this project. Teachers, students, parents, and citizens in the community will have access to accurate and reliable information about the world of work. Procedures include maintaining logs of resource center use.

SB003203

A Career Education Project for the Somersworth School District.
Project Director: Carroll, James W.
Organization: Somersworth School District, N.H.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 75
Contract and/or Control No.: V361023L

This elementary and secondary education project will enable students to develop self-awareness, decision-making skills, and career awareness and begin career exploration. It will develop educational strategies for curriculum and for guidance and counseling. The project will feature one, two and three-day outdoor field experiences; one-day job and home sharing experiences with community citizens; minicourses; and work experiences.

SB003204

Development of an Occupational Information Data System for the State of New Hampshire.
Project Director: Paul, Nicholas L.
Organization: New Hampshire Univ., Durham.
Funding Period: Start Date 18 Jun 73; End Date 30 Jun 74

Objectives of this project are to conduct a literature review to determine the state-of-the-art of information data systems and assist in evaluating existing career information systems within the state, provide job specifications for approximately 300 jobs within the state, produce and disseminate career information on microfiche to apropriate high schools and vocational and technical colleges/institutes, and introduce the career information data system concept through slide presentations.

SB003205

LPN - ADN Transition Project.
Project Director: Crocker, Goldie
Organization: New Hampshire Technical Inst., Concord.
Funding Period: Start Date 1 Dec 73; End Date 30 Jun 74

This postsecondary project will establish a segment of a career ladder concept and minimize the time required for a licensed practical nurse (LPN) to become a registered nurse by producing a transitional curriculum between LPN programs in New Hampshire and the associate degree nursing program at New Hampshire Technical Institute (NHTI). The curriculum will be a model for transitional programs between NHTI and other educational institutions.

SB003206

Design of Four-Year Bacculaureate Programs in Industrial Technology and Vocational Teacher Preparation.
Project Director: Gustafson, Richard A.
Organization: Keene State Coll., N.H.
Funding Period: Start Date 1 Feb 74; End Date 30 Jun 74

This curriculum development project will design studies for four-year baccalaureate degree programs in industrial technology and vocational teacher preparation in machine shop, drafting, and electronics. Funding for this program will provide consultants to criticize the two proposed curricula and will allow faculty to observe existing similar programs on other campuses.

SB003207

New Hampshire Career Education Model for Educationally Disadvantaged Adults.
Organization: Concord School District, N.H.
Descriptive information unavailable.

Fiscal Year 1975

SB003208

Concord Career Education Project - Implementing.
Project Director: Morin, David
Organization: Concord School District, N.H.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purpose of this project is to establish and operate a career education resource center in the school district office to house printed and nonprinted materials accumulated by this project. Teachers, students, parents, and citizens in the community will have access to accurate and reliable information about the world of work. Procedures include maintaining logs of resource center use.

SB003209

A Career Education Project for the Somersworth School District.
Organization: Somersworth School District, N.H.
Contract and/or Control No.: V361023L

This elementary and secondary education project will enable students to develop self-awareness, decision-making skills, and career awareness and begin career exploration. It will develop educational strategies for curriculum and for guidance and counseling. The project will feature one, two and three-day outdoor field experiences;

one-day job and home sharing experiences with community citizens; minicourses; and work experiences.

SB003210 **VTP-1446**

Building Trades - An Opportunity for Everyone.
Project Director: Bergeron, Richard
Organization: Exeter School District, N.H.
Funding Period: Start Date 1 Aug 74; End Date 30 Jun 75

Objectives of this project include initiating a sophomore elective in building trades, recruiting both male and female students for the new program and for the junior and senior programs, instituting a public relations program to insure job opportunities for all exiting students, and implementing a specialized muscle stregthening program for all students.

SB003211 **VTP-1751**

Information System for Career Guidance.
Project Director: Kehas, Chris
Organization: Manchester School Dept., N.H.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

The project will prepare a summary of testing and compile a written report concerning attempts to integrate a computerized information system into the guidance and instructional programs. Procedures will include becoming knowledgeable about the use and organization of the system, developing objectives to meet the needs of the different student populations, and developing a series of coordinated learning activities.

SB003212 **VTP-1912**

Reproducing Metrication Instructional Materials for Industrial Education Teachers for the State of New Hampshire.
Project Director: Wenig, Robert E.
Organization: Keene State Coll., N.H.
Funding Period: Start Date 20 Dec 74; End Date 30 Jan 75

The project intends to provide materials to help teachers begin thinking and teaching metrics. Procedures will include reproducing 3,500 sets of the individual metric instructional materials packets developed by Western Michigan University, providing 2,800 packets for dissemination to prevocational and trade and industrial teachers, and retaining 700 packets at Keene State College for dissemination at metric seminars.

SB003213

Development of Career Education Proposal.
Organization: Keene State Coll., N.H.

Descriptive information unavailable.

SB003214

Industrial Vocabulary Kit.
Project Director: MacConnell, Jerome I.
Organization: Rochester School Dept., N.H.
Funding Period: Start Date 7 Jul 75; End Date 1 Aug 75

This skill development project will produce four Industrial Vocabulary Kits to assist semiliterate adults to function more adequately in work situations and assist local industrial production workers in comprehending oral and written communications. Terms, phrases, and abbreviations from Rochester-area industries will comprise a multilevel vocabulary list which will be the basis for reading and learning activities in the kits.

Fiscal Year 1976

SB003215

Food-Service Microbiology Modules.
Project Director: Coombs, Kenneth I.
Organization: New Hampshire Vocational-Technical Coll., Berlin.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of this postsecondary curriculum development project is to refine and complete previously drafted modules in chemistry, physics, biology, basic microbiology, and environmental microbiology and construct practical modules in food service microbiology. The modules will be a model of curriculum innovation for the other six commuter colleges in New Hampshire.

SB003216

Concord Career Education Project - Implementing.
Project Director: Morin, David
Organization: Concord School District, N.H.

The purpose of this project is to establish and operate a career education resource center in the school district office to house printed and nonprinted materials accumulated by this project. Teachers, students, parents, and citizens in the community will have access to accurate and reliable information about the world of work. Procedures include maintaining logs of resource center use.

SB003217 **VTP-2166**

Work-Study Experiences for Selected Students in the Field of Health Occupations.
Project Director: Fife, Barbara
Organization: Lincoln-Woodstock Cooperative School District, N.H.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This exploratory project will give participants instruction and information in specific interest areas to provide them enough skill to participate in an eight-week study phase, provide participants with practical views of their special interest fields, and promote decisions of participants to pursue education in a health-oriented field at the postsecondary level. Seminars and guidance interviews will be provided.

SB003219

Career Education Project.
Organization: North County Educational Services Foundation, Inc., Gorham, N.H.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will coordinate career education implementation by (1) assisting teachers in at least one pilot school in supervisory union 3 with curriculum development for a model career education project, (2) providing educational assessment in supervisory union 3, (3) designing educational strategies for information dissemination and curriculum in supervisory unions 9 and 35, (4) developing a scope and sequence chart of elementary and secondary career education curriculum, and (5) encouraging staff improvement activities.

SB003218

Individualized Instructional Program in Power Mechanics. (Continuation).
Project Director: Wimmer, Walter
Organization: Plymouth Area High School, N.H.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This continuing project will integrate cooperative education, provide hands-on experience for second-year students, and allow them to concentrate on specific occupational areas of the cluster. Objectives include developing students capable of entry-level skills in servicing, repairing, and maintaining a variety of engines and reducing the dropout rate among disadvantaged and handicapped students.

SB003220

Career Education Project.
Organization: North County Educational Services Foundation, Inc., Gorham, N.H.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will coordinate career education implementation by (1) assisting teachers in at least one pilot school in supervisory union 3 with curriculum development for a model career education project, (2) providing educational assessment in supervisory union 3, (3) designing educational strategies for information dissemination and curriculum in supervisory unions 9 and 35, (4) developing a scope and sequence chart of elementary and secondary career education curriculum, and (5) encouraging staff improvement activities.

SB003221

An Agricultural Work-Study Career Education Program for Academically and Socio-Economically Deprived Urban New Hampshire High School Incoming Sophomore Students and New Hampshire Elementary and Secondary School Guidance Counselors.

Project Director: Roberts, Lewis, Jr.
Organization: New Hampshire Univ., Durham. Thompson School of Applied Science.
Funding Period: Start Date 31 May 76; End Date 27 Aug 76

This project in animal science, plant science, food services management, and forestry will allow forty-eight urban high school sophomores and thirty-two elementary and secondary school guidance counselors to gain extensve knowledge and will be a model for agriculturally related career exploration for urban students.

SB003222 **VTP-2593**

Vocational Radio Station.
Project Director: Kelly, Richard M.
Organization: White Mountains Regional High School, Whitefield, N.H.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The establishment of a student-operated radio station will provide opportunities for student to develop a variety of vocational skills as well as provide service to a rural community lacking a local broadcasting facility. Existing high school vocational programs will be involved in the planning, production, and service aspects of the station. The project will incorporate both classroom instruction and hands-on experience for participants from all grade levels.

SB003223 **VTP-2585**

Effective Enrollment of Secondary School Students in the Vocational Centers.
Project Director: Hildreth, Alice
Organization: Monadnock Regional High School, Swanzey, N.H.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will provide a career exploration program for about 355 tenth grade students in three high schools to help identify those students who will benefit from programs. The course will include interest and aptitude testing, exposure to information from fifteen occupational cluster, self-exploration, decision making, and a visit to the center.

SB003224 **VTP-2587**

Occupational Information and Guidance for Handicapped and Disadvantaged Vocational Students in the Seacoast Region.
Organization: Seacoast Educational Services/Supervisory Union 56, Somersworth, N.H.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of this project is to provide handicapped or disadvantaged vocational students in grades 11 and 12 the opportunity to receive information and guidance as it relates to their occupational needs. Four regional vocational high schools will participate in the project. Communication and liaison between students, school, and potential employers will be provided; the student target population will be counseled; and the business and industrial community will be surveyed.

SB003225

Work-Study Experience for Selected Students in the Field of Health Occupations.
Project Director: Fife, Barbara
Organization: Lin-Wood High School, Lincoln, N.H.

Among the objectives for this project are providing instruction and information which will allow students to participate in an eight-week work-study phase, developing a method of student evaluation, and infusing the Medical Careers Work-Study Program into the Lin-Wood High School Curriculum. Field trips, attitude development, laboratory skill development, seminars, and guidance interviews will be included.

SB003226 **VTP-2584**

Development of Human Relations and Work Skills as Related to the World of Work.
Project Director: Narbonne, Paul
Organization: Exeter Area High School, N.H.
Funding Period: Start Date 1 Sep 76; End Date 30 Jun 77

This project will interrelate high school vocational students in the building trades class with elementary special education students to work cooperatively. The objectives are to develop the ability for students to work effectively with other people, create a positive attitude about themselves and occupations in the construction and woodworking industries, and develop in elementary students motor and humanistic skills and positive attitudes toward the world of work.

SB003227

Career Education Project.
Organization: North County Educational Services Foundation, Inc., Gorham, N.H.

This project will coordinate career education implementation by (1) assisting teachers in at least one pilot school in supervisory union 3 with curriculum development for a model career education project, (2) providing educational assessment in supervisory union 3, (3) designing educational strategies for information dissemination and curriculum in supervisory unions 9 and 35, (4) developing a scope and sequence chart of elementary and secondary career education curriculum, and (5) encouraging staff improvement activities.

SB003228

Individualized Instructional Program in Power Mechanics.
Project Director: Wimmer, Walter L.
Organization: Plymouth Area High School, N.H.

This project intends to provide entry workers who can service, repair, and maintain a variety of commonly used engines; develop students with potential for training advancement in more complex mechanical fields; and reduce the dropout rate among disadvantaged and handicapped students. The program will apply specific performance objectives and will feature work experience in the first year and cooperative education in the second.

SB003229 **VTP-2583**

An Agricultural Work-Study Career Education Program for Academically and Socio-Economically Deprived Urban New Hampshire High School Students.
Project Director: Roberts, Lou
Organization: New Hampshire Univ., Durham. Thompson School of Applied Science.
Funding Period: Start Date 1 May 76; End Date 30 Jun 77

The objective of this project is to provide forty-eight high school incoming sophomores and thirty-two elementary and secondary school guidance counselors with work and educational experience in four agriculturally related fields. Each student will live and work for ten days at a working farm where they will learn about the selected career fields.

SB003230 **VTP-2590**

Solar Energy Educational Kits (SEEK).
Project Director: Byrne, Edward
Organization: New Hampshire Vocational-Technical Coll., Manchester.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will develop a program of instruction designed to familiarize students with renewable energy sources. The objectives are to identify selective activities of practical class application related to the concepts of energy sources, develop a unit plan of instruction, and design and construct a series of instructional modules. A one-day dissemination workshop for selected instructors will be held.

SB003231 **VTP-2588**

Operation: Information.
Project Director: Cuetara, Paul
Organization: Newmarket School District, N.H.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The objective of this project is to assist student in understanding what career options are available to them after high school. A minimum of ten videotapes showing career opportunities will be produced, and students will develop a list of potential career options and select some of these for investigation. A synopsis of each videotape will be circulated through inter-school newsletters.

Fiscal Year 1977

SB003232

Effective Enrollment of Secondary School Students in the Vocational Centers.
Project Director: Moore, Lynda
Organization: New Hampshire Supervisory Union 38, Swanzey Center.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project seeks to develop a career awareness course for vocational directors and counselors to use with ninth and tenth grade students to help them make appropriate decisions for entering the vocational centers. It will evaluate the effect of the course on student success in an attempt to determine indicators of success of area vocational center students.

SB003233

Occupational Information and Guidance for Handicapped and Disadvantaged Vocational Students in the Seacoast Region.
Organization: Seacoast Educational Services, Somersworth, N.H.
Funding Period: Start Date 1 Jul 76; End Date Jun 77

This project seeks to provide better occupational guidance for special needs students by providing communication and liaison among students, school, and potential employers; by counseling those students in setting vocational goals and choosing related vocational programs; and by surveying the business and industrial community to determine potential job opportunities, skills required, and other requirements for placing special needs students.

SB003234 VTP-2594

Work-Study Experience for Selected Students in the Field of Health Occupations (Continuation).
Project Director: Fife, Barbara
Organization: Lin-Wood High School, Lincoln, N.H.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

Among the objectives for this project are providing instruction and information which will allow students to participate in an eight-week work-study phase, developing a method of student evaluation, and infusing the Medical Careers Work-Study Program into the Lin-Wood High School Curriculum. Field trips, attitude development, laboratory skill development, seminars, and guidance interviews will be included.

SB003235

Food-Service Microbiology Modules.
Project Director: Coombs, Kenneth I.
Organization: New Hampshire Vocational-Technical Coll., Berlin.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of this postsecondary curriculum development project is to refine and complete previously drafted modules in chemistry, physics, biology, basic microbiology, and environmental microbiology and construct practical modules in food service microbiology. The modules will be a model of curriculum innovation for the other six commuter colleges in New Hampshire.

SB003236

Individualized Instructional Program in Power Mechanics.
Project Director: Wimmer, Walter L.
Organization: Plymouth Area High School, N.H.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project intends to provide entry workers who can service, repair, and maintain a variety of commonly used engines; develop students with potential for training advancement in more complex mechanical fields; and reduce the dropout rate among disadvantaged and handicapped students. The program will apply specific performance objectives and will feature work experience in the first year and cooperative education in the second.

SB003237 VTP-2584

Development of Human Relations and Work Skills as Related to the World of Work.
Project Director: Narbonne, Paul
Organization: Exeter Area High School, N.H.
Funding Period: Start Date 1 Sep 76; End Date 30 Jun 77

This project will interrelate high school vocational students in the building trades class with elementary special education students to work cooperatively. Objectives are to develop the ability for students to work effectively with other people, create a positive attitude about themselves and occupations in the construction and woodworking industries, and develop in elementary students motor and humanistic skills and positive attitudes toward the world of work.

SB003238 VTP-2593

Vocational Radio Station.
Project Director: Kelly, Richard M.
Organization: White Mountains Regional High School, Whitefield, N.H.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will establish a student-operated radio station to provide opportunities for students to develop a variety of vocational skills and service to a rural community lacking a local broadcasting facility. Existing high school vocational programs will be involved in the planning, production, and service aspects of the station. The project will incorporate both classroom instruction and hands-on experience for participants from all grade levels.

SB003239 VTP-2583

An Agricultural Work-Study Career Education Program for Academically and Socio-Economically Deprived Urban New Hampshire High School Students.
Project Director: Roberts, Lou
Organization: New Hampshire Univ., Durham. Thompson School of Applied Science.
Funding Period: Start Date 1 May 76; End Date 30 Jun 77

The objective of this project is to provide forty-eight high school incoming sophomores and thirty-two elementary and secondary school guidance counselors with work and educational experience in four agriculturally related fields. Each student will live and work for ten days at a working farm where they will learn about the selected career fields.

SB003240 VTP-2590

Solar Energy Educational Kits (SEEK).
Project Director: Byrne, Edward
Organization: New Hampshire Vocational-Technical Coll., Manchester.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will familiarize students with renewable energy sources, particularly solar energy. Objectives are to develop a unit plan of instruction and design and construct a series of instructional modules to acquaint students with energy-related occupations. A one-day dissemination workshop will be held.

NEW JERSEY

Part C

Fiscal Year 1971

SB003241 **VTP-197**

Implementing the EPPBS in Four Area Vocational-Technical and Comprehensive High Schools.
Organization: Government Studies and Systems, Inc., Philadelphia, Pa.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

The aims of this project are to test the educational impact of various allocations of resources on continuing programs and new projects and develop plans that are directly related to educational activities. Four task groups will be assigned to various activities involved in implementing the EPPBS system in the four schools of the consortium.

SB003242

Vocational Planning and Program Implementation.
Organization: Wayne Township School District, N.J.

Descriptive information unavailable.

SB003243

Occupational Research and Development Resource Center.
Organization: Edison Township School District, N.J.

Descriptive information unavailable.

SB003244

Teacher Evaluation Study.
Organization: Glassboro State Coll., N.J.

Descriptive information unavailable.

Fiscal Year 1972

SB003245

Implementing the EPPBS in Four Area Vocational-Technical and Comprehensive High Schools.
Organization: Government Studies and Systems, Inc., Philadelphia, Pa.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

The aims of this project are to test the educational impact of various allocations of resources on continuing programs and new projects and develop plans that are directly related to educational activities. Four task groups will be assigned to various activities involved in implementing the EPPBS system in the four schools of the consortium.

SB003246

Occupational Research and Development Resource Center.
Organization: Edison Township School District, N.J.

Descriptive information unavailable.

SB003247 **VTP-484**

New Jersey Manpower Needs in Areas Related to Natural Resources and/or Agriculture and Implications for Educational Program Development.
Project Director: Drawbaugh, Charles C.
Organization: Rutgers, The State Univ., New Brunswick, N.J. Dept. of Vocational-Technical Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of the project is to determine manpower needs for employment which require training in natural resources or agriculture. During Phase I a list of occupations in New Jersey which require competencies in natural resources or agriculture will be compiled. Phase II will be an occupations opportunity census, and Phase III will include a final report and a mechanism for making the results available.

SB003248 **VTP-482**

Preparation of the Health Occupation Teacher to Select Appropriate Clinical Learning Experience.
Project Director: Liu, Elizabeth
Organization: Mercer County Community Coll., Trenton, N.J.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project is designed to prepare the new instructor in health occupation programs to select appropriate clinical learning experiences for the students in these programs. A maximum of twenty student-teachers will be enrolled. These individuals will be presently employed or under contract to be employed by a vocational school.

SB003249 **VTP-790**

In-Service Mini-Research Seminars for Leaders in Vocational Education in New Jersey.
Project Director: Drawbaugh, Charles C.
Organization: Rutgers, The State Univ., New Brunswick, N.J. Dept. of Vocational-Technical Education.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 72

The purposes of this study are to determine research needs and priorities in vocational and technical education, learn about the refinements of proposal writing and approaches used for evaluating proposals, and become familiar with final reports of selected research. Three seminars will provide a systematic program for upgrading inservice vocational educators and will provide a variety of information which should stimulate specific kinds of needed research.

SB003250 **VTP-789**

A Feasibility Study for an Experimental COPE Program in a Community in New Jersey.
Organization: Urban Associates, Inc., Arlington, Va.
Funding Period: Start Date 1 Apr 72; End Date 23 Jun 72

The objectives of the feasibility study will be to assess the appropriateness of the overall situation for the demonstration of an experimental career education high school program (COPE). The approach is one of analysis of school, community, and industrial receptivity to a COPE program and one of education, where the COPE concept is related to each of these three component resources.

SB003251 **VTP-788**

Research and Evaluation of Career Education Assessment Materials for Grades 7-8-9 Concerning Attitudes and Behavior Change.
Project Director: Bingham, William C.
Organization: Rutgers, The State Univ., New Brunswick, N.J. Graduate School of Education.
Funding Period: Start Date 15 Feb 72; End Date 30 Jun 72

The purposes of this project are to determine what materials exist that measure attitudinal and behavior change for pupils in grades 7-9, evaluate existing materials, and make recommendations on the use of those materials. Relevant materials which are available will be

surveyed and evaluated in terms of the professional literature.

SB003252 VTP-786

Research and Evaluation of Career Education Assessment Materials for Grades 10-11-12 Concerning Attitudes and Behavior Change.
Project Director: Haldeman, Edward G.
Organization: Glassboro State Coll., N.J.
Funding Period: Start Date 15 Feb 72; End Date 30 Jun 72

The objectives of this study are to determine what materials exist that measure attitudinal and behavior change for pupils in grades 10-12, evaluate existing materials, and make recommendations on the use of those materials. Relevant materials which are available will be surveyed and evaluated in terms of the professional literature.

SB003253

Joint Research Study of Apprenticeship Training.
Organization: Fairleigh Dickinson Univ., Rutherford, N.J. Peter Sommartino Coll. of Education.

Descriptive information unavailable.

SB003254

Implementation and Evaluation of a Formalized Recruitment Program for Distributive Education.
Organization: Cherry Hill School District, N.J.

Descriptive information unavailable.

SB003255

Feasibility Study - World of Finance.
Organization: Newark School District, N.J.

Descriptive information unavailable.

SB003256

Career Education Planning Grant.
Organization: Glassboro State Coll., N.J.

Descriptive information unavailable.

SB003257

Vending Machine Repair.
Organization: Southern Gloucester Regional School District, N.J.

Descriptive information unavailable.

SB003258

Career Education Assessment.
Organization: Rutgers, The State Univ., New Brunswick, N.J.

Descriptive information unavailable.

SB003259

State Research Conference.
Organization: Ocean County Coll., Toms River, N.J.

Descriptive information unavailable.

SB003260

Technology for Children Center.
Organization: Woodbridge Township School District, N.J.

Descriptive information unavailable.

SB003261

State One and Five Year Planning.
Organization: Carter High School, N.J.

Descriptive information unavailable.

Fiscal Year 1973

SB003262

Factors Influencing Non-White Participation in Apprenticeship Programs in Selected Building Trades Unions in New Jersey.
Organization: Rutgers, The State Univ., New Brunswick, N.J. Graduate School of Education.

Descriptive information unavailable.

SB003263 VTP-860

Development of a Rationale and Structure for the World of Finance Curriculum Project.
Project Director: Kantor, Nat
Organization: Business and Industrial Coordinating Council, Newark, N.J.
Funding Period: Start Date 1 Jul 72; End Date 31 Dec 72

This project will conduct intensive research into financial literature and consult with leaders in business, industry, and education to accomplish the objectives which include focusing attention on students' need to obtain usable consumer knowledge; identifying and arranging concepts in a framework with performance tasks; and identifying and including career awareness, self-appraisal, and decision-making information and activities.

SB003264 VTP-859

Development of Orientations to Work Among Children.
Project Director: Goldstein, Bernard
Organization: Rutgers, The State Univ., New Brunswick, N.J.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The purpose of this project is to begin to learn about the development of orientations to work among children. A search of background reference material will be conducted and exploratory small-scale studies will be performed. Selection, pretesting, and refinement of techniques in measurement will be made in preparation for later phases.

SB003265 VTP-858

The Investigation and Development of a College Program for First Line Supervisors in Business and Industry.
Project Director: Kahrmann, Robert G., Jr.
Organization: Somerset County Coll., Somerville, N.J.
Funding Period: Start Date 1 Jul 72; End Date 30 Dec 72

The objectives of this study are to determine the need for and requirements of a career training program to lead to an accredited associate degree for first line supervisors and provide the proper type of program. Consultants will assist in developing the questionnaire, establish and conduct the survey, and provide a data analysis. On this basis, a curriculum will be developed.

SB003266

Apprenticeship Study.

Descriptive information unavailable.

SB003267

Mobile Typing Unit Study.
Organization: Camden City Schools, N.J.

Descriptive information unavailable.

SB003268

Planning System.
Organization: Lower Camden Regional School, N.J.

Descriptive information unavailable.

SB003269

Planning System.
Organization: Edison Township Schools, N.J.

Descriptive information unavailable.

SB003270

Planning System.

Organization: Middlesex County Vocational and Technical School, New Brunswick, N.J.
Descriptive information unavailable.

SB003271

Planning System.
Organization: Somerset County Vocational School, N.J.
Descriptive information unavailable.

SB003272

Planning System.
Organization: Lynden School District, N.J.
Descriptive information unavailable.

SB003273

World of Trans.
Organization: Edison Township Schools, N.J.
Descriptive information unavailable.

SB003274

Occupational Research and Development Resource Center.
Organization: Edison Township Schools, N.J.
Descriptive information unavailable.

SB003275

Master Planning.
Organization: Carteret Township School District, N.J.
Descriptive information unavailable.

Fiscal Year 1974

SB003276

Validation of a Teacher Competency Exam.
Organization: Rutgers, The State Univ., New Brunswick, N.J.
Descriptive information unavailable.

SB003277

Computer Research Seminar.
Organization: Rutgers, The State Univ., New Brunswick, N.J.
Descriptive information unavailable.

SB003278

Research and Computer.
Organization: Somerset County Vocational School, N.J.
Descriptive information unavailable.

SB003279

Teacher Training Study.
Organization: Sussex County Area Vocational-Technical School, N.J.
Descriptive information unavailable.

SB003280

Special Needs Study.
Organization: Plainfield School District, N.J.
Descriptive information unavailable.

SB003281

Immigrant Information Service Agency.
Organization: Essex County Coll., Newark, N.J.
Descriptive information unavailable.

SB003282

Needs Assessment.
Organization: Hudson County Vocational School, N.J.
Descriptive information unavailable.

SB003283

Research Planning Grant.
Organization: Hudson County Vocational School, N.J.
Descriptive information unavailable.

SB003284

Research and Evaluation Training Workshops.
Organization: Trenton State Coll., N.J.
Descriptive information unavailable.

SB003285

Career Resource Center.
Organization: Edison Township Schools, N.J.
Descriptive information unavailable.

SB003286

Orientation to the World of Work.
Organization: Rutgers, The State Univ., New Brunswick, N.J.
Descriptive information unavailable.

SB003287

Technology for Children Study.
Organization: Rutgers, The State Univ., New Brunswick, N.J.
Descriptive information unavailable.

SB003288

Research Grant.
Organization: Rutgers, The State Univ., New Brunswick, N.J.
Descriptive information unavailable.

SB003289

Effects of Technology.
Organization: Camden City Schools, N.J.
Descriptive information unavailable.

SB003290

Leadership Research Conference.
Organization: Essex County Coll., Newark, N.J.
Descriptive information unavailable.

SB003291

W.E.C.E.P. Study.
Organization: North Hunterdon Regional High School, Annandale, N.J.
Descriptive information unavailable.

SB003292

Teacher Competency Testing.
Organization: Rutgers, The State Univ., New Brunswick, N.J.
Descriptive information unavailable.

SB003293

C.I.E. Study
Organization: Rutgers, The State Univ., New Brunswick, N.J.
Descriptive information unavailable.

Fiscal Year 1975

SB003294

Fire Fighting.
Organization: Burlington County Area Vocational Technical School, N.J.
Descriptive information unavailable.

SB003295

Technology for Children Study.
Organization: Mansfield Township School, N.J.
Descriptive information unavailable.

SB003296

Management Training Program.
Organization: Essex County Vocational School, Newark, N.J.
Descriptive information unavailable.

SB003297

IACP.
Organization: Trenton State Coll., N.J.
Descriptive information unavailable.

SB003298

Occupational Resource Center.
Organization: Edison Township Schools, N.J.
Descriptive information unavailable.

SB003299

Model for Cost Study.
Organization: Rutgers, The State Univ., New Brunswick N.J.
Descriptive information unavailable.

SB003300

Children's Orientation to Work.
Organization: Rutgers, The State Univ., New Brunswick, N.J.
Descriptive information unavailable.

SB003301

Management Information System.
Organization: Asbury Park School District, N.J.
Descriptive information unavailable.

SB003302

Career Maturity Among 8th Grade Disadvantaged Students.
Organization: Lakewood School District, N.J.
Descriptive information unavailable.

SB003303

Effectiveness of Video Tape Instruction.
Organization: Kean Coll. of New Jersey, Union.
Descriptive information unavailable.

SB003304

Basic Career Competency Program.
Organization: Margate School District, N.J.
Descriptive information unavailable.

SB003305

Vocational Interest and Maturity Study.
Organization: Stockton State Coll., Pomona, N.J.
Descriptive information unavailable.

SB003306

Cooperative Curriculum Research in Vocational Education.
Organization: Vineland School District, N.J.
Descriptive information unavailable.

SB003307

Model Office Simulation.
Organization: West Deptford Area Vocational Technical School, N.J.
Descriptive information unavailable.

SB003308

Curriculum Research.
Organization: Hudson County Area Vocational Technical School, N.J.
Descriptive information unavailable.

SB003309

Astronomy Career Course Development.
Organization: North Hunterdon Regional High School, Annandale, N.J.
Descriptive information unavailable.

SB003310

Leadership Behavior of the County Career Education Coordinator.
Organization: Mercer County Area Vocational Technical School, N.J.
Descriptive information unavailable.

SB003311

Values and Attitudes of New Jersey DECA Students.
Organization: Rider Coll., Trenton, N.J.
Descriptive information unavailable.

SB003312

Curriculum Laboratory Project Development.
Organization: Rutgers, The State Univ., New Brunswick, N.J.
Descriptive information unavailable.

SB003313

Vocational Curriculum Laboratory.
Organization: Rutgers, The State Univ., New Brunswick, N.J.
Descriptive information unavailable.

SB003314

Career Development Evaluation.
Organization: Asbury Park School District, N.J.
Descriptive information unavailable.

SB003315

Pilot Program for Women.
Organization: Passaic County Area Vocational Technical School, Paterson, N.J.
Descriptive information unavailable.

SB003316

Community Education Planning Model.
Organization: Bridgewater-Raritan Schools, N.J.
Descriptive information unavailable.

SB003317

Career Development.
Organization: Elizabeth Board of Education, N.J.
Descriptive information unavailable.

SB003318

Arboriculture Study.
Organization: Belvidere Board of Education, N.J.
Descriptive information unavailable.

Fiscal Year 1976 - No Projects Reported

Fiscal Year 1977

SB003319

Computerization of Apprenticeship Data.
Organization: Bergen County Area Vocational Technical School, Hackensack, N.J.
Descriptive information unavailable.

SB003320

College Entrance Examination Board.
Organization: College Entrance Examination Board, Princeton, N.J.
Descriptive information unavailable.

SB003321

Occupational Resource Center.
Organization: Edison Township Schools, N.J.
Descriptive information unavailable.

SB003322

Internship Program.
Organization: Edison Township Schools, N.J.
Descriptive information unavailable.

SB003323

Curriculum Laboratory.
Project Director: Edgecomb, Philip L.
Organization: Rutgers, The State Univ., New Brunswick, N.J.
The curriculum laboratory seeks to develop local curriculum projects, facilitate development of projects with statewide orientation, provide leadership for special innovations, and produce and disseminate curriculum materials. Specific objectives include providing individual consultation and curriculum development workshops, cooperating with Division of Vocational Education supervisors and directors on nine curriculum projects, integrating metric education in both high school and adult programs, implementing a multimedia technician program, and producing and disseminating twenty-five new publications.

SB003324

Curriculum Laboratory.
Project Director: Edgecomb, Philip L.
Organization: Rutgers, The State Univ., New Brunswick, N.J.
The curriculum laboratory seeks to develop local curriculum projects, facilitate development of projects with statewide orientation, provide leadership for special innovations, and produce and disseminate curriculum materials. Specific objectives include providing individual consultation and curriculum development workshops, cooperating with Division of Vocational Education supervisors and directors on nine curriculum projects, integrating metric education in both high school and adult programs, implementing a multimedia technician program, and producing and disseminating twenty-five new publications.

SB003325

Management Information System.
Organization: Asbury Park School District, N.J.
Descriptive information unavailable.

SB003326

Automated Work Station.
Organization: Asbury Park School District, N.J.
Descriptive information unavailable.

SB003327

National Network Station.
Organization: Asbury Park School District, N.J.
Descriptive information unavailable.

SB003328

Apprentice File Development.
Organization: Asbury Park School District, N.J.
Descriptive information unavailable.

SB003329

Occupational Resource Compendium.
Organization: Asbury Park School District, N.J.
Descriptive information unavailable.

SB003330

Introduction to Vocations Evaluation.
Organization: Mount Olive School, N.J.
Descriptive information unavailable.

SB003331

Vocational Teacher Survey.
Organization: Ocean County Area Vocational Technical School, Toms River, N.J.
Descriptive information unavailable.

SB003332

Teacher In-Service.
Organization: Ocean County Area Vocational Technical School, Toms River, N.J.
Descriptive information unavailable.

SB003333

Career Education Assessment.
Organization: Wayne Township School District, N.J.
Descriptive information unavailable.

SB003334

Comprehensive Special Needs Facilities.
Organization: Union County Area Vocational Technical School, N.J.
Descriptive information unavailable.

Part D

Fiscal Year 1970

SB003335

Technology for Children.
Project Director: Gambino, Thomas W.
Organization: Camden City Schools, N.J.
The goals of the program are to help children develop self-awareness and assess occupations in terms of their abilities and interests; to enhance children's learning in technology and world-of-work concepts; and to supplement children's learning in the fundamental skill areas including mathematics, language arts, science, and social studies. Interdisciplinary activities will be clustered in occupational areas such as merchandising, communication, and manufacturing.

SB003336

Technology for Children.
Project Director: Gambino, Thomas W.

Organization: Trenton Township School District, N.J.

The goals of the program are to help children develop self-awareness and assess occupations in terms of their abilities and interests; to enhance children's learning in technology and world-of-work concepts; and to supplement children's learning in the fundamental skill areas including mathematics, language arts, science, and social studies. Interdisciplinary activities will be clustered in occupational areas such as merchandising, communication, and manufacturing.

SB003337

Career Development Programs K-12.
Project Director: Gambino, Thomas W.
Organization: Rahway School District, N.J.

The Rahway project proposes to expand existing K-12 career development experiences and includes the following programs: Technology for Children in grades K-6; Introduction to Vocations, grade 9; Summer Coupled Work-Study and Job Placement, high school; and a Career Resource Center. The addition of these programs represents an attempt to provide early stage occupational exploration and middle school choice-testing experiences that aim to close existing career development gaps along the K-12 continuum.

SB003338

Career Development Programs K-12.
Project Director: Gambino, Thomas W.
Organization: New Brunswick Board of Education, N.J.

The New Brunswick project proposes to expand existing K-12 career development experiences and includes the following programs: Technology for Children in grades K-6; Introduction to Vocations, grade 9; Summer Coupled Work-Study and Job Placement, high school; and a Career Resource Center. The addition of these programs represents an attempt to provide early stage occupational exploration and middle school choice-testing experiences that aim to close existing career development gaps along the K-12 continuum.

SB003339

Technology for Children.
Project Director: Gambino, Thomas W.
Organization: Florence Township School District, N.J.

The goals of the program are to help children develop self-awareness and assess occupations in terms of their abilities and interests; to enhance children's learning in technology and world-of-work concepts; and to supplement children's learning in the fundamental skill areas including mathematics, language arts, science, and social studies. Interdisciplinary activities will be clustered in occupational areas such as merchandising, communication, and manufacturing.

SB003340

Career Development - A Pre-School Through Adult Model Program for the Hackensack, New Jersey School District.
Organization: New Jersey State Dept. of Education, Trenton.

Descriptive information unavailable.

SB003341

A Proposal to Establish Cooperation and Coordination Within and Between Communities for Effective Career-Oriented Education.
Organization: Woodbridge Township Board of Education, N.J.

Descriptive information unavailable.

Fiscal Year 1971

SB003342

Career Development Programs K-12.
Project Director: Gambino, Thomas W.
Organization: New Brunswick Board of Education, N.J.

The New Brunswick project proposes to expand existing K-12 career development experiences and includes the following programs: Technology for Children in grades K-6; Introduction to Vocations, grade 9; Summer Coupled Work-Study and Job Placement, high school; and a Career Resource Center. The addition of these programs represents an attempt to provide early stage occupational exploration and middle school choice-testing experiences that aim to close existing career development gaps along the K-12 continuum.

SB003343

Technology for Children.
Project Director: Gambino, Thomas W.
Organization: Florence Township School District, N.J.

The goals of the program are to help children develop self-awareness and assess occupations in terms of their abilities and interests; to enhance children's learning in technology and world-of-work concepts; and to supplement children's learning in the fundamental skill areas including mathematics, language arts, science, and social studies. Interdisciplinary activities will be clustered in occupational areas such as merchandising, communication, and manufacturing.

SB003344

Career Development - A Pre-School Through Adult Model Program for the Hackensack, New Jersey School District.
Organization: New Jersey State Dept. of Education, Trenton.

Descriptive information unavailable.

SB003345

A Proposal to Establish Cooperation and Coordination Within and Between Communities for Effective Career-Oriented Education.
Organization: Woodbridge Township Board of Education, N.J.

Descriptive information unavailable.

SB003346

Vocational Guidance.
Organization: Burlington City Schools, N.J.

Descriptive information unavailable.

SB003347

Career Development Programs K-12.
Project Director: Gambino, Thomas W.
Organization: Camden City Area Vocational-Technical School, N.J.

The Camden project proposes to expand existing K-12 career development experiences and includes the following programs: Technology for Children in grades K-6; Introduction to Vocations, grade 9; Summer Coupled Work-Study and Job Placement, high school; and a Career Resource Center. The addition of these programs represents an attempt to provide early stage occupational exploration and middle school choice-testing experiences that aim to close existing career development gaps along the K-12 continuum.

SB003348

Vocational Awareness.
Organization: Sterling Regional Schools, N.J.

Descriptive information unavailable.

SB003349

Vocational Guidance Workshop.
Organization: Rutgers Vocational School, N.J.

Descriptive information unavailable.

SB003350

K-12 Career Development.
Organization: Asbury Park School District, N.J.

Descriptive information unavailable.

SB003351

School Industry Community Coordinator.
Organization: Monmouth County Area Vocational-Technical School, N.J.

Descriptive information unavailable.

Fiscal Year 1972

SB003352

Career Development - A Pre-School Through Adult Model Program for the Hackensack, New Jersey School District.
Organization: New Jersey State Dept. of Education, Trenton.
Descriptive information unavailable.

SB003353

A Proposal to Establish Cooperation and Coordination Within and Between Communities for Effective Career-Oriented Education.
Organization: Woodbridge Township Board of Education, N.J.
Descriptive information unavailable.

SB003354

Short Term Occupational Preparation.
Organization: Bergen County Area Vocational-Technical School, Hackensack, N.J.
Descriptive information unavailable.

SB003355

Technology for Children.
Project Director: Gambino, Thomas W.
Organization: Northvale School District, N.J.
The goals of the program are to help children develop self-awareness and assess occupations in terms of their abilities and interests; to enhance children's learning in technology and world-of-work concepts; and to supplement children's learning in the fundamental skill areas including mathematics, language arts, science, and social studies. Interdisciplinary activities will be clustered in occupational areas such as merchandising, communication, and manufacturing.

SB003356

Technology for Children.
Project Director: Gambino, Thomas W.
Organization: Lawrence School District, N.J.
The goals of the program are to help children develop self-awareness and assess occupations in terms of their abilities and interests; to enhance children's learning in technology and world-of-work concepts; and to supplement children's learning in the fundamental skill areas including mathematics, language arts, science, and social studies. Interdisciplinary activities will be clustered in occupational areas such as merchandising, communication, and manufacturing.

SB003357

Career Resource Center.
Project Director: Gambino, Thomas W.
Organization: South Brunswick Township Board of Education, Monmouth Junction, N.J.
An audiovisual media coordinator and a coordinator to improve school and industry cooperation will comprise the Career Resource Center. The goals include (1) coordinating all aspects of the Career Development Model; (2) providing multimedia resources and services to teachers; (3) identifying, developing, and maintaining continuity of individual student experiences in the career development process; (4) identifying a core of knowledge pertinent to inservice education; and (5) fully utilizing school, industry, and community resources.

Fiscal Year 1973

SB003358

Career Development.
Organization: Hackensack Public Schools, N.J.
Descriptive information unavailable.

SB003359

Agriculture Education.
Organization: Willingboro Public School District, N.J.
Descriptive information unavailable.

SB003360

Career Development.
Organization: South Brunswick School District, Monmouth, N.J.
Descriptive information unavailable.

SB003361

Vocational Guidance and Counseling Project.
Organization: Brookdale Community Coll., Lincroft, N.J.
Descriptive information unavailable.

SB003362

Career Development.
Organization: Asbury Park School District, N.J.
Descriptive information unavailable.

SB003363

Career Development.
Organization: Roxbury Township School District, N.J.
Descriptive information unavailable.

SB003364

Career Development.
Organization: Wayne Township School District, N.J.
Descriptive information unavailable.

SB003365

Career Development.
Organization: Northvale Township School District, N.J.
Descriptive information unavailable.

SB003366

Career Development.
Organization: Flemington Raritan School District, N.J.
Descriptive information unavailable.

SB003367

Career Development.
Organization: East Windsor Township School District, Hightstown, N.J.
Descriptive information unavailable.

SB003368

Career Development.
Organization: Woodbridge Township School District, N.J.
Descriptive information unavailable.

SB003369

Career Development.
Organization: Shrewsbury Township School District, N.J.
Descriptive information unavailable.

SB003370

Career Development.
Organization: Titon Falls Township School District, N.J.
Descriptive information unavailable.

SB003371

Career Development.
Organization: Union Beach Township School District, N.J.
Descriptive information unavailable.

SB003372

Career Development.

Organization: Madison School District, Old Bridge, N.J.
Descriptive information unavailable.

SB003373

Career Development.
Organization: Parsippany Township School, N.J.
Descriptive information unavailable.

SB003374

Career Development.
Organization: Hampton Township School, N.J.
Descriptive information unavailable.

SB003375

Career Development.
Organization: Scotch Plains Township School, N.J.
Descriptive information unavailable.

Fiscal Year 1974

SB003376

Career Development for Counselors.
Organization: Glassboro State Coll., N.J.
Descriptive information unavailable.

SB003377

Business Education Cycle–Introduction to Vocations.
Organization: West Deptford Area Vocational-Technical School, N.J.
Descriptive information unavailable.

SB003378

Model Office Project.
Organization: West Deptford Area Vocational Technical School, N.J.
Descriptive information unavailable.

SB003379

Career Development Project.
Organization: Jersey City State Coll., N.J.
Descriptive information unavailable.

SB003380

Career Development Survey.
Organization: Edison Township Schools, N.J.
Descriptive information unavailable.

SB003381

Career Counseling.
Organization: Middlesex County Coll., Edison, N.J.
Descriptive information unavailable.

SB003382

Career Development Curriculum Project.
Organization: Rutgers, The State Univ., New Brunswick, N.J.
Descriptive information unavailable.

SB003383

Career Development Project.
Organization: South Brunswick School District, Monmouth Junction, N.J.
Descriptive information unavailable.

SB003384

Career Development Project.
Organization: Asbury Park Schol District, N.J.
Descriptive information unavailable.

SB003385

Career Development Project.
Organization: Middletown Township School District, N.J.
Descriptive information unavailable.

SB003386

Career Counseling Project.
Organization: Central Regional School District, N.J.
Descriptive information unavailable.

SB003387

Career Development Articulation Project.
Organization: Ocean County Adult Vocational School, Toms River, N.J.
Descriptive information unavailable.

Fiscal Year 1975

SB003388

NS-Agriculture.
Organization: Atlantic Community Coll., Mays Landing, N.J.
Descriptive information unavailable.

SB003389

Articulation Project.
Organization: Essex County Vocational Technical School, Newark, N.J.
Descriptive information unavailable.

SB003390

Career Decision Process.
Organization: Edison Township Schools, N.J.
Descriptive information unavailable.

SB003391

Career Development Articulation.
Organization: Middlesex County Coll., Edison, N.J.
Descriptive information unavailable.

SB003392

Career Resource Center.
Organization: South Amboy School, N.J
Descriptive information unavailable.

SB003393

Career Development.
Organization: South Brunswick School District, Monmouth Junction, N.J.
Descriptive information unavailable.

SB003394

Career Development Study.
Organization: Middletown Township School District, N.J.
Descriptive information unavailable.

SB003395

Career Development.
Organization: Middletown Township School District, N.J.
Descriptive information unavailable.

SB003396

Articulation Project.
Organization: Ocean County Vocational Technical School, Toms River, N.J.
Descriptive information unavailable.

SB003397

Articulation Project.
Organization: Warren County Vocational Technical School, N.J.
Descriptive information unavailable.

SB003398

Articulation Planning.
Organization: Atlantic County Area Vocational Technical School, N.J.
Descriptive information unavailable.

SB003399

Articulation Planning.
Organization: North Hunterdon Regional High School, Annandale, N.J.
Descriptive information unavailable.

SB003400

Multi-Media Articulation Program.
Organization: Mendham Township School, N.J.
Descriptive information unavailable.

SB003401

IV Business Education Cycle.
Organization: Wayne Township School District, N.J.
Descriptive information unavailable.

SB003402

Career Resource Center.
Organization: New Providence Schools, N.J.
Descriptive information unavailable.

Fiscal Year 1976 - No Projects Reported

Fiscal Year 1977

SB003403

Occupational Resource Center.
Organization: Edison Township Schools, N.J.
Descriptive information unavailable.

SB003404

Curriculum Laboratory.
Project Director: Edgecomb, Philip L.
Organization: Rutgers, The State Univ., New Brunswick, N.J.
The curriculum laboratory seeks to develop local curriculum projects, facilitate development of projects with statewide orientation, provide leadership for special innovations, and produce and disseminate curriculum materials. Specific objectives include providing individual consultation and curriculum development workshops, cooperating with Division of Vocational Education supervisors and directors on nine curriculum projects, integrating metric education in both high school and adult programs, implementing a multimedia technician program, and producing and disseminating twenty-five new publications.

SB003405

Historical Occupations Exhibit.
Organization: Southern Hunterdon Regional School, N.J.
Descriptive information unavailable.

SB003406

Supervision of Special Projects.
Organization: New Jersey State Dept. of Education, Trenton.
Descriptive information unavailable.

NEW MEXICO

Part C

Fiscal Year 1971

SB003407 **VTP-068**

Simulation as a Feedback Mechanism in Training Engineering Draftsmen.
Project Director: Altus, David M.
Organization: New Mexico State Univ., Las Cruces.
Funding Period: Start Date 1 Jan 71; End Date 30 Jun 71

This project seeks to employ simulation as a technique in training engineering draftsmen. The technique will be used to make students aware of the potential problems created by their decisions concerning location of critical drawing components. The project will include ten problem situations, the preparation of feedback materials, and the field trial of these materials under experimental conditions.

SB003408 **VTP-066**

Updating Occupational Needs Study for Vocational and Technical Education in Dona Ana County.
Project Director: Edington, Everett D.
Organization: New Mexico State Univ., Las Cruces.
Funding Period: Start Date 1 Feb 71; End Date 31 Jul 71

The objectives of the project are to determine the vocational and technical education needs for Dona Ana County and determine the steps necessary for implementation of an area technical vocational school. All vocational and technical education programs will be reviewed, and an occupational survey of the business and industry in the county will be conducted.

SB003409 **VTP-069**

A Study of the Vocational Education of Handicapped Persons in Horticulture.
Project Director: Stevens, Alan B.
Organization: New Mexico State Univ., Las Cruces.
Funding Period: Start Date 1 Feb 71; End Date 31 Aug 71

The goals of this project are to develop horticultural teaching techniques which can be utilized to teach handicapped persons and evaluate these techniques as effective tools for preparing the handicapped for employment in horticultural occupations. Individual case studies will be utilized in conducting the study.

SB003410 **VTP-009**

Thirty Mini-Grant Projects.
Funding Period: Start Date 1 Feb 71; End Date 30 Jun 71

The purposes of these mini-grant projects are to develop curriculum and pilot projects, prepare researchers and stimulate research, and encourage teachers to use completed research. The thirty projects will cover the areas of adult basic education, agricultural education, health occupations, home economics, industrial arts, office education, special needs, and trades and industry.

SB003411

Followup Survey of the 1970 Graduates of Valley High School.
Organization: Valley High School, N. Mex.

Descriptive information unavailable.

SB003412 **VTP-295**

The Revision and Updating of a Master Plan for the Development of Vocational-Technical Education in New Mexico.
Project Director: Price, Joel
Organization: New Mexico Occupational Research and Development Coordinating Unit, Santa Fe.
Funding Period: Start Date 1 Jun 71; End Date 1 Sep 71

This project seeks to review, evaluate, revise, and update the master plan for developing vocational and technical education. Surveys and the Rohner study will be conducted to obtain information on occupational needs, economic analysis, population projections, present and projected work forces, and skill categories.

SB003413 **VTP-296**

A State System for the Gathering of Statistical Data and Evaluation Information Pertaining to Vocational-Technical and Adult Education.
Project Director: Hale, James
Organization: New Mexico Univ., Albuquerque.
Funding Period: Start Date 1 Mar 71; End Date 29 Feb 72

The goal of this project is to plan, develop, implement, and refine a state system for gathering statistical data and evaluation information pertaining to vocational, technical, and adult education. The project will gather computerized data to be used in decision making and in reporting to the federal government.

Fiscal Year 1972

SB003414

TAOSCORE.
Organization: Taos Municipal Schools, N. Mex.

The objectives of this project are to (1) develop and implement an elementary career awareness program; (2) improve guidance and counseling services at all grade levels, emphasizing career orientation and exploratory experiences for junior high students; (3) provide occupational training in grades 10-12, emphasizing work experiences and cooperative education; and (4) establish a placement service. Project staff will develop, demonstrate, and test a career education model.

Fiscal Year 1973

SB003415

TAOSCORE.
Organization: Taos Municipal Schools, N. Mex.

The objectives of this project are to (1) develop and implement an elementary career awareness program; (2) improve guidance and counseling services at all grade levels, emphasizing career orientation and exploratory experiences for junior high students; (3) provide occupational training in grades 10-12, emphasizing work experiences and cooperative education; and (4) establish a placement service. Project staff will develop, demonstrate, and test a career education model.

Fiscal Years 1974-1976 - No Projects Reported

Fiscal Year 1977

SB003416

Vocational Program Development.
Organization: New Mexico State Dept. of Education, Santa Fe.
Descriptive information unavailable.

Part D

Fiscal Year 1970

SB003417

Vocational Guidance.
Organization: Hobbs Municipal Schools, N. Mex.
Descriptive information unavailable.

SB003418

Career Selection Program.
Organization: Cloudcraft Municipal School, N. Mex.
Descriptive information unavailable.

SB003419

Ornamental Horticulture.
Organization: Las Lunas Consolidated Schools, N. Mex.
Descriptive information unavailable.

SB003420

Exemplary Business Education Program.
Organization: Pecos Independent Schools, N. Mex.
Descriptive information unavailable.

SB003421

Pilot Data Processing Program.
Organization: Eastern New Mexico Univ., Portales.
Descriptive information unavailable.

SB003422

Child Care Training.
Organization: Albuquerque Public Schools, N. Mex.
Descriptive information unavailable.

SB003423

Ornamental Horticulture.
Organization: Albuquerque Public Schools, N. Mex.
Descriptive information unavailable.

SB003424

Ornamental Horticulture.
Organization: Belen Schools, N. Mex.
Descriptive information unavailable.

SB003425

Ornamental Horticulture.
Organization: Espanola High School, N. Mex.
Descriptive information unavailable.

SB003426

Ornamental Horticulture.
Organization: Las Cruces School District, N. Mex.
Descriptive information unavailable.

SB003427

Prevocational Industrial Education.
Organization: Portales High School, N. Mex.
Descriptive information unavailable.

Fiscal Year 1971

SB003428

Training for Industrial Education.
Organization: Presto Products, Bernalillo, N. Mex.
Descriptive information unavailable.

SB003429

Vocational Enrichment Program.
Organization: Albuquerque Technical-Vocational Inst., N. Mex.
Descriptive information unavailable.

SB003430

Occupational Preparation.
Organization: Aztec Municipal School District 2, N. Mex.
Descriptive information unavailable.

Fiscal Year 1972

SB003431

A Testing Program to Predict Career Choices.
Organization: Albuquerque Public Schools, N. Mex.
Descriptive information unavailable.

SB003432

To Research Appropriate Counseling and Admission Testing for Vocational-Technical Students.
Organization: Eastern New Mexico Univ., Portales.
Descriptive information unavailable.

SB003433

Student Placement Indices.
Organization: New Mexico Occupational Research and Development Coordinating Unit, Santa Fe.
Descriptive information unavailable.

SB003434

Establishment of an Orchard and Development of a Resource Unit.
Organization: Las Cruces High School, N. Mex.
Descriptive information unavailable.

SB003435

Migration Patterns of Vocational Agriculture Graduates in New Mexico.
Organization: New Mexico State Univ., Las Cruces.
Descriptive information unavailable.

SB003436

Relationship of Student Characteristics and Policies in New Mexico FFA Participation.
Organization: New Mexico State Univ., Las Cruces.
Descriptive information unavailable.

SB003437

A Teacher Resource Unit for Environmental Management.
Organization: New Mexico State Univ., Las Cruces.
Descriptive information unavailable.

SB003438

Trouble-Shooting the Two-Stage Air Conditioner.
Organization: Eastern New Mexico Univ., Portales.
Descriptive information unavailable.

SB003439

Pre-Vocational Exploration-A Mini-Course.
Organization: Highland High School, N. Mex.
Descriptive information unavailable.

SB003440

Model Job Simulation of the Los Alamos Scientific Laboratory Individualized Approach.
Organization: Los Alamos High School, N. Mex.
Descriptive information unavailable.

SB003441

Office Simulation: Activities of a Federal Credit Union.
Organization: Santa Fe Vocational-Technical School, N. Mex.
Descriptive information unavailable.

SB003442

Publication of Materials on Simulation.
Organization: New Mexico Univ., Albuquerque. Dept. of Secondary Education.
Descriptive information unavailable.

SB003443

Vocational Office Internship Inservice Training for the Experienced Teacher.
Organization: New Mexico Univ., Albuquerque. Dept. of Secondary Education.
Descriptive information unavailable.

SB003444

A Sound-Slide Presentation of Ceremonies Used in OEA.
Organization: Santa Fe High School, N. Mex.
Descriptive information unavailable.

SB003445

The Development of Dictation Materials.
Organization: New Mexico Univ., Albuquerque. Dept. of Secondary Education.
Descriptive information unavailable.

SB003446

Small Gasoline Engines.
Organization: Pojoaque High School, N. Mex.
Descriptive information unavailable.

SB003447

Construction of a Small Building.
Organization: Wagon Mound Public School, N. Mex.
Descriptive information unavailable.

SB003448

Crafts as a Vocation.
Organization: Valley High School, N. Mex.
Descriptive information unavailable.

SB003449

Training Program in the Use of Manual Tools: Elementary.
Organization: Edgewood Elementary School, Roswell, N. Mex.
Descriptive information unavailable.

SB003450

Woodworking, Sewing, Cooking.
Organization: Santa Rita School, Bayard, N. Mex.
Descriptive information unavailable.

SB003451

Family Life Conference.
Organization: Carlsbad Mid High School, N. Mex.
Descriptive information unavailable.

SB003452

Better Family Living through Home Economics
Organization: Coronado High School, Gullina, N. Mex.
Descriptive information unavailable.

SB003453

Marriage Enrichment Services.
Organization: Rio Grande High School, Albuquerque, N. Mex.
Descriptive information unavailable.

SB003454

Use of Visuals in Enriching Early Childhood Education.
Organization: Rio Grande High School, Albuquerque, N. Mex.
Descriptive information unavailable.

SB003455

Home Arts and Crafts-Something Old, Something New.
Organization: Hagerman Municipal School District 6, N. Mex.
Descriptive information unavailable.

SB003456

Preparation for Child Care Related Occupations.
Organization: Portales High School, N. Mex.
Descriptive information unavailable.

SB003457

Industrial Development Training.
Organization: Bernalillo Public Schools, N. Mex.
Descriptive information unavailable.

SB003458

Career Selection.
Organization: Alamogordo School, N. Mex.
Descriptive information unavailable.

SB003459

Career Selection.
Organization: Cloudcraft Municipal School, N. Mex.
Descriptive information unavailable.

SB003460

Vocational Guidance.
Organization: Hobbs Municipal Schools, N. Mex.
Descriptive information unavailable.

SB003461

Exemplary Program.
Organization: Pecos Independent Schools, N. Mex.
Descriptive information unavailable.

SB003462

TAOSCORE.
Organization: Taos Municipal Schools, N. Mex.
The objectives of this project are to (1) develop and implement an elementary career awareness program; (2) improve guidance and counseling services at all grade levels, emphasizing career orientation and exploratory experiences for junior high students; (3) provide occupational training in grades 10-12, emphasizing work experiences and cooperative education; and (4) establish a placement service. Project staff will develop, demonstrate, and test a career education model.

SB003463

Career Development Mini-Grants.
Organization: Albuquerque Public Schools, N. Mex.
Descriptive information unavailable.

SB003464

Occupational Opportunities for Off-Farm Agricultural Employment in Selected Areas of New Mexico.
Organization: New Mexico State Univ., Las Cruces.
Descriptive information unavailable.

Fiscal Year 1973

SB003465

TAOSCORE.
Organization: Taos Municipal Schools, N. Mex.
The objectives of this project are to (1) develop and implement an elementary career awareness program; (2) improve guidance and counseling services at all grade levels, emphasizing career orientation and exploratory experiences for junior high students; (3) provide occupational training in grades 10-12, emphasizing work experiences and cooperative education; and (4) establish a placement service. Project staff will develop, demonstrate, and test a career education model.

SB003466

T and I Curriculum Project.
Project Director: Armsbay, George
Descriptive information unavailable.

SB003467

Career Education Project.
Organization: Albuquerque Public Schools, N. Mex.
Descriptive information unavailable.

Fiscal Year 1974 - No Projects Reported

Fiscal Year 1975

SB003468

Career Education Through Industrial Arts Projects/Processes.
Project Director: Rosin, Bill
Organization: Eastern New Mexico Univ., Portales.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75
The purpose of this project is to develop and print a guide to integrate career education with industrial arts processes and projects. Project staff will solicit the best projects relating career education and industrial arts teachers statewide, rewrite the information in a standardized format, and print and disseminate the guide to all teachers.

SB003469

Proposal to Develop Three Vocational Curricula at the Secondary Level.
Organization: New Mexico State Dept. of Education, Santa Fe.
Descriptive information unavailable.

SB003470

Participation in Mid-America Vocational Curriculum Consortium.
Organization: New Mexico State Dept. of Education, Santa Fe. Div. of Vocational Education.
Funding for this project will provide for participation in a ten-state curriculum network. In order to prevent duplication of effort and money, the consortium will develop priorities for needed materials, write curriculum manuals, provide low-cost materials, and provide inservice training for teachers on the use of curriculum manuals. Each participating state will contract to develop specific materials, utilizing input from curriculum advisory committees.

Fiscal Year 1976

SB003471

Participation in Mid-America Vocational Curriculum Consortium.
Organization: New Mexico State Dept. of Education, Santa Fe. Div. of Vocational Education.
Funding for this project will provide for participation in a ten-state curriculum network. In order to prevent duplication of effort and money, the consortium will develop priorities for needed materials, write curriculum manuals, provide low-cost materials, and provide inservice training for teachers on the use of curriculum manuals. Each participating state will contract to develop specific materials, utilizing input from curriculum advisory committees.

SB003472

Proposal to Develop Four Vocational Curricula and Finalize Field-Tested Curricula at the Secondary Level.
Organization: New Mexico State Dept. of Education, Santa Fe. Div. of Vocational Education.
Funding Period: Start Date 1 Oct 75; End Date 30 Jun 76
In order to meet its commitment to the Mid-America Vocational Curriculum Center to contribute curriculum materials and develop materials that are a priority need in New Mexico schools, the project will develop four curriculum manuals: Retail Merchandising Simulation, Prevocational Health Occupations Exploration Core Manual, Office Education Minicourses, and Automotive Speciality Minicourses. The project will also revise and reprint previously field-tested and published manuals.

SB003473

New Mexico Population: Projections and Labor Market Impact.
Project Director: Temple, John
Organization: New Mexico Univ., Albuquerque. Bureau of Business and Economic Research.
Funding Period: Start Date 1 Oct 75; End Date 31 Mar 76
The aim of this project is to project population by county and state for 1980-1985, breaking out age, sex, and ethnic and racial groups. Staff will analyze the implications of population trends on labor markets and the need for vocational education. Relevant literature will be reviewed, and occupations sensitive to population changes will be studied.

SB003474

Student Career Manuals.
Organization: New Mexico State Dept. of Education, Santa Fe. Div. of Vocational Education.
Funding Period: Start Date 1 Nov 75; End Date 31 Dec 75
This project will print and disseminate Student Career Manuals to all high school students in the state in order to provide the students with guidelines on how to locate and obtain employment in their local areas. Project staff will cooperate with the Career Education Unit of the State Department of Education.

SB003475

Century 21 Shorthand Pilot Courses Versus Gregg Shorthand Courses.
Project Director: Heins, Eleanor A.
Organization: New Mexico State Univ., Las Cruces. Dona Ana County Occupational Education Branch.
Funding Period: Start Date 1 Aug 75; End Date 31 Aug 77
Contract and/or Control No.: NMSU-76-00004
This project intends to evaluate and compare the learning rates, attrition rates, and speed development of shorthand students in Century 21 and Gregg Shorthand courses. The program will span four consecutive semesters, with classes of no more than thirty students, each randomly placed in Gregg and Century 21 courses. The project will measure and compare student performance on "speed forms" versus "brief forms," theory tests, and dictation.

SB003476

Innovative Information and Awareness Presentations for Elementary Students, High School Students, and Local School Board Members.

Project Director: Cowper, Howard C.
Organization: New Mexico State Advisory Council on Vocational Education, Albuquerque.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 78

The goal of this project is to develop a film depicting vocational training opportunities in the state and how training relates to occupational opportunities. The film will include information concerning the available training programs and how to enroll in these programs. The project will furnish the film and a speaker for schools, local school boards and advisory committees, and other interested groups.

SB003477

Workshop: Data Processing Update for Vocational/Business Teachers.
Project Director: Weber, Edwin J.
Organization: New Mexico Univ., Albuquerque. Dept. of Business Education.
Funding Period: Start Date 1 Jul 76; End Date 31 Aug 76

The purpose of the four-week workshop is to give teachers hands-on experience in using terminals, keypunch machines, and "canned" programs; in writing a computer program; in applying computer programming; and in batch processing. Participants will meet three hours a day for the first two weeks and work on individual projects the final two weeks.

SB003478

Project Effectiveness.
Organization: New Mexico Univ., Albuquerque.

Descriptive information unavailable.

Fiscal Year 1977

SB003479

A Feasibility Study for Establishing a Trade and Industrial Occupational Competency Testing Program. Part I. A Feasibility Study for Cooperative Education on the Post-Secondary Level. Part II.
Project Director: Wilson, Don
Organization: Eastern New Mexico Univ., Portales. Coll. of Education and Technology.

This project will undertake two feasibility studies to determine if the quality of New Mexico's trade and industrial programs can be assured through a teacher competency testing program and to determine if the shortage of well qualified, certifiable trade and industrial teachers can be alleviated through a cooperative teacher education program. Sample testing, survey, interview, and onsite visitation will be among the procedures used.

SB003480

Post-Secondary Guide for Business and Office Occupations.
Project Director: Shaughnessy, Kim
Organization: Eastern New Mexico Univ., Portales, N. Mex.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 78

The primary objective of the project is to prepare a guide which will identify the curriculum components of vocational office occupation programs at the postsecondary level. The project will identify entry-level job skills for the clerical, secretarial, accounting, and data processing programs; prepare competency statements; and prepare a typewriting sequential program to articulate with middle/junior high, high school, and postsecondary programs.

SB003481

Vocational Teacher Pre-Service and Inservice Exchange.
Project Director: Bettina, Albert A.
Organization: Eastern New Mexico Univ., Portales.

The purpose of this project is to provide inservice and preservice training to improve the performance of new teachers, upgrade the performance of experienced teachers, and encourage the exchange of ideas. State supervisors, assistants, and teacher educators will conduct a series of three-day workshops, one for each of the seven program areas. Individual assistance will be offered.

SB003482

Curriculum Guide Effectiveness and Strategies.
Organization: New Mexico Univ., Albuquerque.

Descriptive information unavailable.

SB003483

Innovative Information and Awareness Presentations for Elementary Students, High School Students, and Local School Board Members.
Project Director: Cowper, Howard C.
Organization: New Mexico State Advisory Council on Vocational Education, Albuquerque.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 78

The goal of this project is to develop a film depicting vocational training opportunities in the state and how training relates to occupational opportunities. The film will include information concerning the available training programs and how to enroll in these programs. The project will furnish the film and a speaker for schools, local school boards and advisory committees, and other interested groups.

NEW YORK

Part C

Fiscal Year 1971

SB003484 **VTP-065**

Study of an Educational Program Involving Ex-Drug Addicts in Nassau County.
Project Director: Morgenstein, Melvin
Organization: Nassau Community Coll., Long Island, N.Y.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

This project, part of a long-range study to provide vocational information to drug rehabilitation centers in New York State, will examine those addicts evaluated by the Nassau County Addiction Commission and attempt to implement a plan for specific employment preparation. The plan will involve the development of training programs, appropriate promotional materials, and liaisons with business leaders.

SB003485 **VTP-063**

Research–Four Year Continuum Cooperative Education Programs.
Project Director: Bowker, Albert H.
Organization: New York City Board of Education, Brooklyn.
Funding Period: Start Date 1 Oct 70; End Date 30 Jun 71

This project seeks to examine the feasibility of a four-year continuum in cooperative education. Students who are enrolled in the high school cooperative program would, upon graduation, enroll in a community college offering a compatible vocational program for the next two years. A student would be assigned to the same cooperative employer for the entire four years of the continuum.

SB003486 **VTP-046**

Occupational Education Leadership Training Program.
Project Director: Bowker, Albert H.
Organization: City Coll. Research Foundation, New York, N.Y.
Funding Period: Start Date 1 Feb 71; End Date 30 Jun 71

The purpose of this project is to provide an occupational education leadership training program for supervisors and policy planners in school systems, institutions of higher education, occupational organizations, and public agencies in the state of New York.

SB003487 **VTP-064**

Research–New Cooperative Programs with Area Mental Health Agencies for Training of Mental Health Workers.
Project Director: Milne, Dwight R., Jr.
Organization: North Country Community Coll., Saranac Lake, N.Y.
Funding Period: Start Date 1 Jan 71; End Date 30 Jun 71

The purpose of this project is to study, formulate, and implement an associate degree program for training mental health paraprofessionals. An attempt will be made to allow these students to train in the field. In addition, area workers and high school students will be polled to determine their interest in mental health work.

SB003488 **VTP-368**

Development of a Curriculum for Preparing Teacher Assistants.
Project Director: Canfield, G. Robert.
Organization: State Univ. of New York, Oswego. Coll. at Oswego.
Funding Period: Start Date 1 Mar 71; End Date 31 Aug 71

The purpose of this project is to examine the qualitative and quantitative need for teaching assistants. The project will design a ten-month training curriculum for high school graduates. A survey by questionnaire and personal interview of the administrators and teachers will determine the need for teaching assistants in the reading program.

SB003489 **VTP-352**

A Study of Parental Attitudes Toward Their Children's Participation in Vocational Education Programs.
Project Director: Wood, Cary E.
Organization: Board of Cooperative Educational Services, Albany, N.Y.
Funding Period: Start Date 1 Mar 71; End Date 31 Aug 71

The purpose of this project is to assess parental attitudes toward their childrens' participation in occupational education programs and to determine how to rectify adverse attitudes. Methods include reviewing the literature, comparing career goals of a sample of eleventh and twelfth grade students (some of whom are in occupational education and some of whom are not), using a parent questionnaire, and preparing a research report.

SB003490 **VTP-353**

Cooperative Occupational Education Versus Preparatory Vocational-Occupational Education.
Project Director: Morrisey, Thomas J.
Organization: State Univ. of New York, Buffalo. Coll. at Buffalo.
Funding Period: Start Date 1 Apr 71; End Date 31 Aug 71

This study seeks to analyze and compare the cooperative occupational education and the vocational-occupational education programs and graduates in the Niagara Falls City Schools. Data will be obtained from records of a number of Niagara Falls high schools and from coordinators of the vocational-occupational and the cooperative educational programs.

SB003491 **VTP-354**

Development of Inter-Disciplinary Occupational Curriculum for Occupational Learning Center Program.
Project Director: Brennan, Vincent F.
Organization: Syracuse City School District, N.Y.
Funding Period: Start Date 1 Mar 71; End Date 31 Aug 71

The purpose of this project is to develop instructional materials and write learning units that will provide vocational guidance and understanding of the world of work and to develop the basic skills of communication, computation, citizenship, and personality development. Areas to be researched include work and its place in our society and vocational orientation and information.

SB003492 **VTP-355**

Survey of Job Entry Requirements for Occupational Students.
Project Director: Radick, Robert
Organization: Broome-Delaware-Tioga BOCES, Endwell, N.Y.
Funding Period: Start Date 1 Mar 71; End Date 31 Aug 71

This project seeks to (1) establish minimum standards and extent of job skills and related knowledge required by employers of job entry students, (2) determine attitudes necessary for continued employment and worker group membership, (3) convince employers that this Bureau is training employees who can satisfy employer expectations, (4) assist teachers in establishing practical vocational courses, and (5) assist guidance personnel in evaluating and placing students in courses.

SB003493 VTP-127

Technology for Children Program (A Technique to Provide Occupational Awareness for Elementary Children).
Project Director: Schreiber, Robert W.
Organization: Beacon City School District, N.Y.
Funding Period: Start Date 1 Jul 71; End Date 31 Aug 71

This project seeks to provide children with an opportunity to learn about technology and its impact; an opportunity to form a concept of work consistent with urban technological society and to gain information about occupations through hands-on training; respect for materials and tools and an appreciation for conservation; a sense of responsibility regarding work hours, completion of duties, loyalty, initiative, and creativity.

SB003494 VTP-364

Job Placement for Occupational School Graduates Through Trade Union Apprenticeship Programs.
Project Director: Parry, Charles R.
Organization: Steuben County BOCES, Bath, N.Y.
Funding Period: Start Date 1 Jul 71; End Date 31 Aug 71

This project seeks to organize and implement apprenticeship training programs for the local carpentry and union trades which would provide occupational school graduates an entry base to union trade employment and to nurture public relations by improving the production capabilities of the union tradesman and by providing a pool of trained tradesmen of foreman caliber.

SB003495 VTP-363

Study of Supply and Demand of Environmental Manpower in Monroe County - Phase I.
Project Director: Cucci, Myron W.
Organization: Monroe Community Coll., Rochester, N.Y.
Funding Period: Start Date 1 Apr 71; End Date 30 Jun 71

The objective of this project is to develop, circulate, and analyze a structured instrument designed to evaluate characteristics of supply and demand of environmental technician manpower. A questionnaire will be disseminated, tabulated, and evaluated for the comparison of supply and demand characteristics and determination of whether the college should consider development of a training program.

SB003496 VTP-361

Manpower Study in the Field of Agricultural Education.
Project Director: Bartoo, A. Donald
Organization: Erie County Board of Cooperative Educational Services, North Collins, N.Y.
Funding Period: Start Date 18 Jan 71; End Date 15 Mar 71

This study will determine the number of male and female employers in agricultural and related occupations, determine manpower supply and demand needs in related occupations, interpret data and make recommendations for the coordinated planning of training programs, and provide projection of programs and occupations. Agencies which deal in agricultural services will be contacted for data, which will be correlated and organized as to the listed objectives.

SB003497 VTP-362

Development of Units and/or Kits Based on Occupational Situations and Hardware to Increase Motivation in the Area of Mathematics.
Project Director: Kiernan, John W.
Organization: Chenango BOCES Occupational Center, Norwich, N.Y.
Funding Period: Start Date 1 Mar 71; End Date 31 Aug 71

This project seeks to increase motivation, understanding, and skills in mathematics for vocational students; inform school teachers about math hardware and methods; and increase understanding and interaction between sending school faculty and occupational school faculty. Methodology includes sending an interested math instructor from each school to a five-day workshop, with one preliminary and one follow-up meeting.

SB003498 VTP-360

Study of Cost Per Graduate and Returns on Educational Investment in Technology Programs in a Two-Year College.
Project Director: Gaonkar, Ramesh
Organization: Onondaga Community Coll., Syracuse, N.Y.
Funding Period: Start Date 15 Mar 71; End Date 31 Aug 71

This study will find cost per graduate in both technology and non-technology programs, optimize the cost per graduate by using techniques of linear programming, and find investment returns in terms of earning capacity of the graduates. The data will be collected from three typical two-year colleges and directly from the graduate.

SB003499 VTP-359

Development of a Model for an Occupational-Guidance Program for Elementary School Slow Learners.
Project Director: Gullone, Donald
Organization: Alfred Univ., N.Y.
Funding Period: Start Date 1 Apr 71; End Date 31 Aug 71

The objective of this project is to make available to guidance counselor trainees any research which will assist them in developing adequate occupational programs to acquaint slow learners with the world of work and how to prepare for it. A study of county students will be conducted to determine the number of slow learners, and a search of the ERIC files for programs and related research will be done. A vocational guidance program model for slow learners will be developed.

SB003500 VTP-128

A Followup Study of the Students Who Have Successfully Completed the Child Care Service Program in NYS for the School Years 1965-66 Through 1969-70.
Project Director: Butler, Susan E.
Organization: State Univ. of New York, Ithaca. Coll. of Human Ecology at Cornell Univ.
Funding Period: Start Date 1 Apr 71; End Date 31 Aug 71

This study seeks to determine how well the New York State Child Care Service Program prepared its students for the business life of the community, how many of those students are actually employed in child care programs, if students were able to find job openings in child care services, and if the training received in the child care program provided the background needed to be successfully employed in that area.

SB003501 VTP-358

Development of a Model for an Occupational-Guidance Program for Junior High School Slow Learners.
Project Director: Montanye, Deyo
Organization: Allegany County Board of Cooperative Educational Services, Belmont, N.Y.
Funding Period: Start Date 1 Apr 71; End Date 31 Aug 71

This project seeks to make available to guidance counselors in Allegany County any research which will help them develop occupational programs to acquaint slow learners with the world of work. Methodology includes a study of all county schools to determine the number of slow learners, an ERIC search for files and related research, a request for information from county counselors, and development of a vocational guidance program model for slow learners.

SB003502 VTP-356

The Effectiveness of BOCES in a Rural Community and the Implications for Secondary Teachers of Future BOCES Students.
Project Director: Hall, Linda K.
Organization: Keshequa Central School, Nunda, N.Y.
Funding Period: Start Date 22 Jun 71; End Date 31 Aug 71

This project seeks to examine the effectiveness of the five-year-old BOCES program in Nunda, New York. Methodology includes conducting interviews with BOCES personnel to see how they adapt their courses to the needs of area students, determining the percentage of successful job placements from the program, and sending questionnaires to graduates to see how they feel about the program they completed.

SB003503 VTP-357

Occupational Education Manpower Needs Within 48 New York State Counties.
Project Director: Jackim, Halas L.
Organization: State Univ. of New York, Oswego. Div. of Professional Studies.
Funding Period: Start Date 1 Mar 71; End Date 30 Jun 71

This project seeks to determine what kind of and how many teachers forty-eight New York counties will need in 1975, 1980, 1985, and beyond; what teacher training programs will be needed in Oswego; and how to construct a permanent data bank so that there will be a constant forecasting of teacher manpower needs, including the teacher training needs within the vocational and technical fields.

SB003504 VTP-196

Development of Safety Awareness Film Loops for Occupational Education Students.
Project Director: Wagner, Robert G.
Organization: Northern Westchester Technology and Education Center, Yorktown Heights, N.Y.
Funding Period: Start Date 1 May 71; End Date 31 Aug 71

The goals of this project are to achieve a more uniform and efficient safety program which will provide each student a more complete exposure to occupational safety information, reduce the number of accidents through improved safety instruction, and prepare a series of film loops designed for group or individual instruction. The accident reports will be reviewed, and safety examinations will be correlated.

SB003505

Support of Developing a Research and Development Center.
Organization: Cornell Univ., Ithaca, N.Y.

Descriptive information unavailable.

SB003506

Continuing Cooperative Education Project (CONCEPT II).
Project Director: Sherline, Renee C.
Organization: City Univ. of New York, N.Y. Office of Admission Services.

This project will conduct a study to determine the feasibility of establishing a continuing cooperative education program, CONCEPT, for high school graduates who wish to continue their education through college. Procedures will include canvassing current graduating cooperative students to ascertain their college plans and their interest in continuing cooperative education with their present employers; identifying employers, college admissions, and the college curricula of students who express interest in CONCEPT; conferring individually with representative employers; and exploring the possibilities of a cooperative continuum in specified programs with community colleges and high schools.

SB003507

Development of a Certification Model(s) Through the Use of Locally Developed Performance Objectives.
Organization: City Univ., of New York, N.Y. City Coll.

Descriptive information unavailable.

SB003508

Research-Review the Structure and Content of Present Occupational Programs at Early Secondary Level and Recommended Changes for Improvement.
Organization: City Univ. of New York, N.Y. City Coll.

Descriptive information unavailable.

SB003509

Computerization of Follow-Up Form.
Project Director: Sorensen, Richard M.
Organization: Madison County Board of Cooperative Educational Services, Bouckville, N.Y.

This project will develop a computerized follow-up form to be used as a local or area management system to collect data from graduates. The use of the computerized form will provide increased returns from graduates and reduce man hours involved in processing the data. A refined computerized form will be usable as an input information system for the New York State Occupational Education Data Subsystem follow-up report.

SB003510

Health Operations Education Research Project (Competency Study).
Organization: Cornell Univ., Ithaca.

Descriptive information unavailable.

SB003511

Institute for Research and Development in Occupational Education.
Project Director: Abramson, Theodore
Organization: City Univ. of New York, N.Y. Inst. for Research and Development in Occupational Education.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The purposes of the Institute are to disseminate reports and products; assist constituents in the areas of research design, proposal construction, and consultative and supportive activity related to ongoing research and development projects; assist career education projects in the areas of evaluation design and program implementation; and develop working relationships with industry and business organizations.

Fiscal Year 1972

SB003512

A Comparative Analysis of the Impact of High School and Junior College Preparation on the Vocational Success of Graduates of Secretarial Programs with Implications for Career Guidance and Curriculum Revision.
Project Director: Blanchard, Adelord
Organization: Agricultural and Technical Coll., Canton, N.Y.

The primary purpose of this study is to distinguish between high school and junior college secretarial graduates in terms of the following ten variables: level of beginning and present incomes, level of beginning and present job title, incidence of employment in the area of preparation, job satisfaction, employer satisfaction, stability of employment, major duties performed, promotional opportunities, types of firms employing graduates, and geographic mobility.

SB003513

Development of a Demonstration Program for Occupationally Based Language Arts and Social Sciences Instruction.
Project Director: Houck, Douglas
Organization: Franklinville Central School, N.Y.

This project will develop and implement an educational system to meet the needs of high school students participating in occupational education programs at the Cattaraugus County Board of Cooperative Educational Services (BOCES). A curriculum design committee composed of secondary teachers and administrators will review the existing program and develop modified language arts and social studies programs for the home schools built around perceived occupational aspirations and needs.

SB003514

Development of a Curriculum for Activities Assistants for Use in a BOCES Program.
Project Director: Barscz, Marjorie B.
Organization: Herkimer County Board of Cooperative Educational Services, Herkimer, N.Y.

The primary purpose of this project is to develop an objectives-based curriculum to be used by the Herkimer County Board of Cooperative Educational Services (BOCES) to train activities assistants. Activities assistants who have worked as nurse aides, taken further academic study, and obtained supervised clinical experience will be able to work as assistants to activity leaders with any age patient or resident. Procedures include surveying social agencies including nursing homes, retirement homes, and hospitals to determine the extent of need for activities assistants.

SB003515

Study of Various Strategies to Provide Practical Nurse Graduates Entry into the Second Year of a 2-Year Associate Degree Nursing Program.
Project Director: Lappin, Marian E.
Organization: Jamestown City School District, N.Y.

The purposes of this project are to investigate various strategies to allow the Jamestown School of Practical Nursing graduates to move into the second year of the associate degree nursing program at the Jamestown Community College, select and implement a strategy which best meets the criteria of the faculty and administration of both schools, and develop a model to facilitate educational mobility within the nursing profession.

SB003516

Planning Occupational Education for the Changing Needs of a Community Through System Dynamics.
Project Director: Gaonkar, Ramesh
Organization: Onondaga Community Coll., Syracuse, N.Y.

This project proposes to study the feasibility of applying systems dynamics to planning, at regional levels, such occupational education programs as manufacturing technologies. The project plans to devise a computer simulation model representing the dynamic interaction between the occupational education sector and the industrial sector at the regional level.

SB003517

Development of an Occupational Orientation Package for Pupils, Staff and Parents at Grades 7, 8, 9.
Project Director: Perkins, Warren
Organization: Central School District 1, Manlius, N.Y.

The purpose of this project is to plan and develop an occupational orientation package for junior high school students, staff, and parents in a suburban school district having a total enrollment of 5,500. A survey will be made of the 1966 and 1969 graduates of the school system to determine how their school experiences relate to present life circumstances, and the results will be used to establish criteria for the content and packaging of the occupational orientation package.

SB003518

Teaching Occupational Subjects to the Urban Socio-Economic Disadvantaged: An Investigation Necessary for the Development of Pragmatic Techniques.
Project Director: Roberts, John E.
Organization: New York State Univ., Buffalo.

The objective of this project is to identify instructional techniques found to be most effective and most used by vocational high school teachers in teaching occupational subjects to socioeconomically disadvantaged students in Buffalo. Questionnaires will be sent to 147 vocational high school teachers in the city's six vocational high schools. The findings will be used to design an inservice training course for these vocational education teachers.

SB003519

Development of an Auto-Tutorial Developmental Reading Program for the Occupational Area of Business Technology.
Project Director: Glock, M.D.
Organization: New York State Coll. of Agriculture and Life Sciences, Ithaca.

The purpose of this project is to design and test a developmental reading program focusing on comprehension and technical vocabulary for students in business technology. The program will use a tape recorder and printed workbook-type materials. Individual students seeking help in the reading laboratory will be used to develop and initially field test the materials. Further field testing will be made at State University College at Delhi, New York.

SB003520

Cooperative Development of Relevant Academic Curriculums for High School Vocational Students.
Project Director: Maxson, Merle E.
Organization: Saint Lawrence County Board of Cooperative Educational Services, Star Lake, N.Y.

This project proposes to develop and implement a ninth-grade mathematics curriculum to provide students entering the Seaway Area Technology Center with the academic skills necessary for success in their chosen occupational area of study. Six teachers, three from the Seaway Technology Center and three from home schools serviced by the Center, will select the main topics of the curriculum. The three vocational teachers will develop the practical applications, and the three home school teachers will develop the subject matter of the curriculum

SB003521

Survey of Employment Opportunities and Changing Labor Needs for the Educable Mentally Retarded in Chautauqua County.
Project Director: Mangano, James F.
Organization: Chautauqua County Board of Cooperative Educational Services, Fredonia, N.Y.

The primary objectives of this project are to identify and list employers, who indicate a willingness to hire retarded students, and identify and analzye the types of jobs the retarded can perform. Letters will be sent to prospective employers in the county, and personal contacts will also be made to letter recipients. Information gained will be used to set up work experience positions and potential job placements, and to plan and implement changes in the curriculum for the mentally retarded.

SB003522

Development of Inter-Disciplinary Occupational Curriculum for Occupational Learning Center Program.
Project Director: Brennan, Vincent F.
Organization: Syracuse City School District, N.Y.

This project proposes to develop occupationally oriented curriculum materials which are interdisciplinary in their approach to basic skills and which supply vocational information. The project will also prepare learning units that will provide vocational guidance and understanding of the world of work. Some of the general areas to be covered are work and its place in contemporary society, vocational orientation and information, personality development in the areas of personal and occupational adjustment, job information and opportunities, and consumer education.

SB003524

Secondary Implementation of K-12 Career Orientation and Development Program.
Organization: Mineola Public Schools, N.Y.

Descriptive information unavailable.

SB003523

The Development of a Student Centered Vocational Guidance Program for Eleventh and Twelfth Grades in Tompkins-Cortland Counties.
Project Director: Werner, Richard D.
Organization: Dryden Central School, N.Y.

The objectives of this project include providing vocational students with information relating to labor trends in the Tompkins and Cortland Counties' labor market; developing a classroom program which will enable vocational students to evaluate their abilities; and developing a brochure which will be presented to the two-county area businesses, employment agencies, and industries identifying the abilities and skills of vocational students interested in employment in specific positions within the two-county area.

SB003525

Development of Materials to Effectively Present a Computer Assisted Programming of Numerically Controlled Machine Tools to Vocational High School Students.
Project Director: Bailey, Alan S.
Organization: New York City Board of Education, N.Y.

The goal of this project is to develop materials to allow vocational high school students to use several types of computers in preparation of tapes to operate numerically controlled machine tools. A Wang Model 700B, a basic mini-computer, a Compucorp Model 025 mini-computer, and an IBM 1130 and 360/30 fullsize computers will be utilized. A limited amount of software will be developed to assist in preparing data to operate the numerically controlled machine tools.

SB003526 VTP-823

Special Orientation and Counseling for Prospective Students in BOCES Vocational Schools.
Organization: Great Neck Public Schools, N.Y.
Funding Period: Start Date 1 May 72; End Date 30 Jun 72

The objectives of this project are for new students to understand twelve or more fields of work and be able to explain their strengths in the field of work and understand, define, and explain their roles as employees in various occupations. The focus will be on individualized and small group vocational counseling. Vocational testing and follow-up discussions will be employed.

SB003527 VTP-822

Development of a Pilot Supervisory Program for Improving Instruction by Basing Teaching Strategy on Statements of Behavioral Objectives.
Organization: New York Board of Cooperative Educational Services, Elmira.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 72

The objective of this study is to develop a pilot supervisory program for improving instruction by basing teaching strategy on statements of behavioral objectives. The proposed activity of this study will include classes, teacher assignments, discussions, and workshops.

SB003528 VTP-824

Telephone Lecture Network Classroom Programs and Participation for Nursing Department Students and Steff.
Organization: Jamestown Community Coll., N.Y.
Funding Period: Start Date 1 Apr 72; End Date 31 Jan 73

The objectives of this study are to introduce a novel method for presenting current information in health science to students and faculty, provide students and faculty an opportunity to interact by taking part in Telephone Lecture Network (TLN) programs, stimulate innovation in the classroom, and determine changes in the behavior of faculty and students who have been involved with the TLN programs. This project provides an additional opportunity for students interested in a health science career to learn more about it.

SB003529 VTP-826

Improvement of Motivational "Success Consciousness" on the part of Occupational Students Through the Use of the Commercially Prepared Instructional Package, ZZOOMMM.
Organization: New York Board of Cooperative Educational Services, Buffalo.
Funding Period: Start Date 6 Mar 72; End Date 30 Sep 72

The objectives of this project are to introduce into the curriculum of the occupationally oriented high school a detailed, systematic, and sequential course of study for stimulating motivational growth and provide immediate preparation for gainful employment while providing for adaptability and changes as society's occupational requirements shift.

SB003530 VTP-827

An Advisory Symposium to Recommend Uses of Martz Telescope and Observatory and Occupational Careers Related to It.
Organization: Jamestown Community Coll., N.Y.
Funding Period: Start Date 18 Feb 72; End Date 1 Jul 72

The main purpose of this project is to ensure that the Martz telescope will be fully utilized. To accomplish this, experts in astronomy and related fields from government, universities, and industries will be assembled; and job ladders in astronomy-related fields and career programs which should be instituted at Jamestown Community College will be identified.

SB003531 VTP-831

Development of an Instructional Resource Counseling Package for Junior High School Students.
Organization: New York Board of Cooperative Education Services, Verona.
Funding Period: Start Date 1 Jul 72; End Date 1 Jan 73

This project seeks to develop an instructional resource counseling package for junior high students by organizing a team of junior high counselors to develop a needs assessment of occupational materials, surveying local industries and chambers of commerce for resources, developing a model for disseminating information regarding career choices to junior high students, and developing, promoting, and distributing the counseling package.

SB003532

Survey of Job Activities of Entry Level Bookkeepers.
Organization: City Univ. of New York, N.Y. City Coll.

Descriptive information unavailable.

SB003533

A Study to Determine the Articulation Between a Representative Community College and its Leading Feeder High Schools in the Big Six Cities.
Project Director: Cohen, Lee
Organization: New York State Education Dept., Albany. Bureau of Occupational Education Research.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 72

This project plans to study the processes and content of articulation activities between a representative community college serving each of the "big six" cities and its leading feeder high schools. Attention will be focused on occupational training. Survey data on present articulation efforts will be used as the basis for recommendations to improve high school and college curricula, college course-level placement of high school graduates, and information services.

SB003534

Evaluate Selected Two-Year College Certificate and Diploma Programs.
Organization: City Univ. of New York, N.Y. City Coll.

Descriptive information unavailable.

SB003535

Post-Secondary Occupational Education Program, Evaluation, Recruitment, and Instructional Mediation.
Organization: Syracuse Univ., N.Y. Research Corporation.

Descriptive information unavailable.

SB003536

E.S.C.O.E. - Evaluation Service Center for Occupational Education.
Organization: Massachusetts Univ., Amherst.

Descriptive information unavailable.

SB003537

Competency Study of E.S.C.O.E. and other N.Y.S.E.D. Information Systems.
Organization: New York Inst. for Educational Development, N.Y.

Descriptive information unavailable.

SB003538

Job-Related Curriculum Units and Teacher's Guide for Disadvantaged Workers (In the Training of Legal Secretaries).
Project Director: Brudney, Juliet
Organization: Settlement House Employment Development, Inc., New York, N.Y.

The purpose of this project is to develop a curriculum materials package consisting of fifteen units better suited to the needs of disadvantaged unemployed and underemployed adults. The materials will be developed in conjunction with a hire-and-train program of the Association of the Bar of the City of New York and will serve as a supplement to the technical training of legal secretaries. The material will be presented in fiction format and deal with problems of work content and work behavior. Instruction will be provided in requisite skills, remedial spelling, grammar, punctuation, and reading comprehension.

Fiscal Year 1973

SB003539 VTP-795

Occupational Education Research and Development Institute.
Organization: State Univ. of New York, Ithaca. Coll. of Agriculture and Life Sciences at Cornell Univ.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objectives of this project are to conduct occupational education research and development projects, provide training for professional leaders and researchers in occupational and career education, increase effective dissemination of information, and strengthen and enhance occupational education. The institute advisory council, the formal needs assessment results, and personal contacts with leaders in the field will be used to determine priorities.

SB003540

Institute for Research and Development in Occupational Education.
Project Director: Abramson, Theodore
Organization: City Univ. of New York, N.Y. Inst. for Research and Development in Occupational Education.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The purposes of the Institute are to disseminate reports and products; assist constituents in the areas of research design, proposal construction, and consultative and supportive activity related to ongoing research and development projects; assist career education projects in the areas of evaluation design and program implementation; and develop working relationships with industry and business organizations.

Fiscal Year 1974

SB003541

Institute for Research and Development in Occupational Education.
Project Director: Rogers, Thomas R.
Organization: New York State Coll. of Agriculture and Life Sciences, Ithaca.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The main purpose of the Institute is to meet New York State citizens' needs for more effective occupational education programs. The Institute will accomplish this by conducting occupational education research and development projects, providing training for present and future professional leaders and researchers in the area of occupational and career education, increasing effective and efficient dissemination of information about occupational education and research results, and strengthening and enhancing occupational education in New York.

SB003542

Institute for Research and Development in Occupational Education.
Project Director: Abramson, Theodore
Organization: City Univ. of New York, N.Y. Institute for Research and Development in Occupational Education.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The purposes of the Institute are to disseminate reports and products; assist constituents in the areas of research design, proposal construction, and consultative and supportive activity related to ongoing research and development projects; assist career education projects in the areas of evaluation design and program implementation; and develop working relationships with industry and business organizations.

SB003543

Feasibility of Remote Terminal Data Entry Operations.
Organization: Livingston Board of Cooperative Educational Services, Leicester, N.Y.

Descriptive information unavailable.

SB003544

New Technical & Occupational School.
Organization: Rochester City School District, N.Y.

Descriptive information unavailable.

SB003545

An Assessment of Professional Needs in Programs of Occupational Education in New York State.
Organization: State Univ. of New York, Ithaca. Coll. of Agriculture and Life Science at Cornell Univ.

Descriptive information unavailable.

SB003546

Evaluation Service Center for Occupational Education.
Organization: Westchester County Board of Cooperative Educational Services, Bedford Hills, N.Y.

Descriptive information unavailable.

Fiscal Year 1975

SB003547

The Coordination of Program Planning and Evaluation Systems for Occupational Education.
Organization: Riverside Research Inst., New York, N.Y.

Descriptive information unavailable.

SB003548

Developing Materials to Aid Statewide Dissemination of Career Education.
Organization: Policy Studies in Education, Inc., New York, N.Y.

Descriptive information unavailable.

Fiscal Year 1976

SB003549

High School Community College Articulation Follow-Up.
Organization: City Univ. of New York, N.Y. Inst. for Research and Development in Occupational Education.

Descriptive information unavailable.

SB003550

(Title not available.)
Organization: Broome-Delaware-Tioga Board of Cooperative Educational Services, Binghamton, N.Y.

Descriptive information unavailable.

SB003551

Institute for Research and Development in Occupational Education.
Project Director: Abramson, Theodore
Organization: City Univ. of New York, N.Y. Inst. for Research and Development in Occupational Education.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The purposes of the Institute are to disseminate reports and products; assist constituents in the areas of research design, proposal construction, and consultative and supportive activity related to ongoing research and development projects; assist career education projects in the areas of evaluation design and program implementation; and develop working relationships with industry and business organizations.

SB003552

Occupational Education Research, Evaluation and Training Center.
Organization: State Univ. of New York, Ithaca. Coll. of Agriculture and Life Sciences at Cornell Univ.

Descriptive information unavailable.

SB003553

An Exploratory Study of Risk and Impact: Implications for Future Funding.
Project Director: Cohen, Lee
Organization: City Univ. of New York, N.Y. Inst. for Research and Development in Occupational Education.

This project will be developed in three phases: development of a definition of impact, development of impact assessment procedures by applying impact scales to projects, and determination of implications for funding from these procedures. Procedures for the project include defining impact, reviewing relevant literature, designing the general study, designating participants and obtaining lists of cooperative local program personnel, sampling proposals and project reports, and analyzing data collected from questionnaires and site visits.

Fiscal Year 1977

SB003554

An Exploratory Study of Risk and Impact: Implications for Future Funding.
Project Director: Cohen, Lee
Organization: New York City Board of Education, N.Y.
Funding Period: Start Date 20 Oct 76; End Date 30 Sep 77

This project will be developed in three phases: development of a definition of impact, development of impact assessment procedures by applying impact scales to projects, and determination of implications for funding from these procedures. Procedures for the project include defining the impact, reviewing relevant literature, designing the general study, designating participants and obtaining lists of cooperating local program personnel, sampling proposals and project reports, and analyzing data collected from questionnaires and site visits.

SB003555

Economic Returns to N.Y.S. Secondary Occupational Education.
Organization: Cornell Univ., Ithaca, N.Y.

Descriptive information unavailable.

SB003556

Mainstreamed Handicapped Students in Occupational Education Programs: Exemplary Administrative Practices.
Organization: City Univ. of New York, N.Y. Inst. for Research and Development in Occupational Education.

Descriptive information unavailable.

SB003557

Futuring the Business Education Curriculum Needs.
Organization: City Univ of New York, N.Y. Inst. for Research and Development in Occupational Education.

Descriptive information unavailable.

SB003558

Staff Professionalization in Occupational Education.
Organization: City Univ. of New York, N.Y. Inst. for Research and Development in Occupational Education.

Descriptive information unavailable.

SB003559

Basic Research Grant.
Organization: City Univ. of New York, N.Y. Inst. for Research and Development in Occupational Education.

Descriptive information unavailable.

SB003560

Research Relating to Employment of Educable Mentally Retarded.
Organization: City Univ. of New York, N.Y. Inst. for Research and Development in Occupational Education.

Descriptive information unavailable.

SB003561

Research Evaluation and Training Center.
Organization: State Univ. of New York, Ithaca. Coll. of Agriculture and Life Sciences at Cornell Univ.

Descriptive information unavailable.

SB003562

Basic Research Grant.
Organization: City Univ. of New York, N.Y. Inst. for Research and Development in Occupational Education.

Descriptive information unavailable.

SB003563

Secondary: Development.
Organization: Broome-Delaware-Tioga Board of Cooperative Educational Services, Binghamton, N.Y.

Descriptive information unavailable.

SB003564

Woman in a Changing World–Documentary.
Organization: City Univ. of New York, N.Y. Inst. for Research and Development in Occupational Education.

Descriptive information unavailable.

SB003565

High School - Community College Articulation Follow-Up.
Organization: City Univ. of New York, N.Y. Inst. for Research and Development in Occupational Education.

Descriptive information unavailable.

Part D

Fiscal Year 1970

SB003566

Park East High School Planning Exemplary Project.
Organization: New York City Board of Education, Brooklyn, N.Y.

Descriptive information unavailable.

SB003567

Planning of Elementary Occupational Orientation.
Organization: Syracuse City School District, N.Y.

Descriptive information unavailable.

SB003568

Exemplary Program Planning for Distributive Education.
Organization: Board of Cooperative Educational Services, N.Y.

Descriptive information unavailable.

SB003569

A Joint Pilot Program for Training of Disadvantaged High School Students Leading to Full-Time Enrollment in the Retail Management Program at Nassau Community College.
Organization: Nassau County Board of Cooperative Educational Services, Jericho, N.Y.

Descriptive information unavailable.

Fiscal Year 1971

SB003570

A Joint Pilot Program for Training of Disadvantaged High School Students Leading to Full-Time Enrollment in the Retail Management Program at Nassau Community College.
Organization: Nassau County Board of Cooperative Education Services, Jericho, N.Y.

Descriptive information unavailable.

SB003571

Alpha Learnings - Project SCORE.
Organization: White Plains Public Schools, N.Y.

Descriptive information unavailable.

SB003572

New Planning Project for K-12 Career Orientation and Development Program.
Organization: Mineola Public Schools, N.Y.
Descriptive information unavailable.

SB003573

Exemplary Project for Electronics Experimental Program - Secondary Level.
Organization: Board of Cooperative Educational Services, N.Y.
Descriptive information unavailable.

SB003574

Exemplary Planning Project in Occupational Education Secondary Disadvantaged.
Organization: New York City Board of Education, Brooklyn, N.Y.
Descriptive information unavailable.

SB003575

Exemplary Distributive Education Project Articulated with Nassau County BOCES.
Organization: Nassau Community Coll., Garden City, N.Y.
Descriptive information unavailable.

Fiscal Year 1972

SB003576

A Joint Pilot Program for Training of Disadvantaged High School Students Leading to Full-Time Enrollment in the Retail Management Program at Nassau Community College.
Organization: Nassau County Board of Cooperative Educational Services, Jericho, N.Y.
Descriptive information unavailable.

SB003577

Exemplary Planning Project In Occupational Education: Secondary Disadvantaged.
Organization: New York City Board of Education, Brooklyn, N.Y.
Descriptive information unavailable.

SB003578

Exemplary Distributive Education Project Articulated with Nassau County BOCES.
Organization: Nassau Community Coll., Garden City, N.Y.
Descriptive information unavailable.

SB003579

Secondary-Comprehensive Approach to Individualized Instruction in Occupational Education.
Organization: New York City Board of Education, Brooklyn, N.Y.
Descriptive information unavailable.

SB003580

Planning Project–Career Education at the Elementary Level.
Organization: Syracuse City School District, N.Y.
Descriptive information unavailable.

SB003581

Career Education Program Orientation Development and Implementation of County Wide Career Model K-12.
Organization: Mineola Public School, N.Y.
Descriptive information unavailable.

Fiscal Year 1973

SB003582

Expansion of Secondary Curriculum in Occupational Related Experiences - Career Exploration.
Organization: White Plains Public Schools, N.Y.
Descriptive information unavailable.

Fiscal Year 1974

SB003583

New State Program to Implement Career Education.
Organization: Fashion Inst. of Technology, New York, N.Y.
Descriptive information unavailable.

SB003584

Secondary Curriculum in Occupational Related Experiences.
Organization: White Plains Public Schools, N.Y.
Descriptive information unavailable.

SB003585

Implementation of K-12 Career Orientation and Development Program.
Organization: Mineola Public Schools, N.Y.
Descriptive information unavailable.

Fiscal Year 1975

SB003586

State Project to Implement Career Education (SPICE).
Organization: New York State Univ., Albany.
This project will develop long-range and short-range plans for career education in seven model development schools (four high schools and three junior high schools). The SPICE staff will (1) develop sample lesson infusions that are sequential and explorational, (2) further strengthen the management structure of the school teams, (3) clarify the guidance counselor's role as an evaluator of student career understanding, and (4) attempt to develop an intern program for teachers and students.

Fiscal Year 1976

SB003587

New York City Community College Articulated Technology Continuum.
Organization: New York City Board of Education, Brooklyn, N.Y.
Descriptive information unavailable.

SB003588

Regional Postsecondary Articulation in Monroe County.
Organization: Monroe Community Coll., Rochester, N.Y.
Descriptive information unavailable.

SB003589

Exemplary Articulation Project.
Organization: New York City Board of Education, Brooklyn, N.Y.
Descriptive information unavailable.

SB003590

Development and Implementation of Sequentially Integrated Cooperative Education Curriculum from 11-4.
Organization: Laguardia Community Coll., Long Island, N.Y.
Descriptive information unavailable.

SB003591

Secondary and Postsecondary Articulation Project.
Organization: Monroe Community Coll., Rochester, N.Y.

Descriptive information unavailable.

SB003592

Exemplary Articulation Building Management and Maintenance Technician.
Organization: Dutchess Community Coll., Poughkeepsie, N.Y.
Descriptive information unavailable.

SB003593

Exemplary Articulation of Occupational Education Programs by Nassau BOCES and SUNY at Farmingdale.
Organization: State Univ. of New York, Farmingdale. Agricultural and Technical Coll.
Descriptive information unavailable.

SB003594

Secondary and Postsecondary Computer Science and Data Processing Advanced Placement Awarding Procedures.
Organization: Onondaga Community Coll., Syracuse, N.Y.
Descriptive information unavailable.

SB003595

Development of an Associate Degree Program in Automotive Technology between Rockland Community College and Rockland County BOCES.
Organization: Rockland Community Coll., Suffern, N.Y.
Descriptive information unavailable.

Fiscal Year 1977

SB003596

Bilingual Data Processing Program.
Organization: Borough of Manhatten Community Coll., N.Y.
Descriptive information unavailable.

SB003597

Adult Bilingual Occupational Education Program.
Organization: Rochester City School District, N.Y.
Descriptive information unavailable.

SB003598

Expanded Bilingual Occupational Education Opportunity Program by way of a Team Teaching Approach.
Organization: Nassau County Board of Cooperative Education Services, Westbury, N.Y.
Descriptive information unavailable.

SB003599

Bilingual Business and Distributive Education Programs.
Organization: Buffalo City School District, N.Y.
Descriptive information unavailable.

SB003600

N.Y.C. Community College Articulated Technology Continuum.
Organization: New York City Board of Education, N.Y.
Descriptive information unavailable.

SB003601

Exemplary: Development and Implementation of a Sequentially Integrated Cooperative Education Curriculum 11-4.
Organization: LaGuardia Community Coll., Long Island City, N.Y.
Descriptive information unavailable.

SB003602

Secondary and Post-Secondary Articulation Project.
Organization: Monroe Community Coll., Rochester, N.Y.
Descriptive information unavailable.

SB003603

An Articulated Program Leading to an Associate Degree: Bilingual Management and Maintenance Technology.
Organization: Dutchess Community Coll., Poughkeepsie, N.Y.
Descriptive information unavailable.

SB003604

Exemplary: Articulation of Occupational Education Programs.
Organization: Nassau Board of Cooperative Education Services, Westbury, N.Y.
Descriptive information unavailable.

SB003605

Exemplary: Articulation Development of an Associate Degree Program in Automotive Technology.
Organization: Rockland Community Coll., Suffern, N.Y.
Descriptive information unavailable.

NORTH CAROLINA

Part C

Fiscal Year 1971

SB003606 **VTP-088**

The Identification of Competencies and Performance Standards Associated with Women's Occupations in the Textile and Furniture Industries.
Organization: North Carolina State Board of Education, Raleigh. Dept. of Public Instruction.
Funding Period: Start Date 1 Jun 71; End Date 31 Dec 72

The purpose of this project is to develop an analysis of home furnishing occupations in textile and furniture industries which will serve as the vehicle for developing and testing procedures for analyzing occupations for curriculum purposes. The project will be implemented through the identification of industries, jobs, competencies, performance standards, and knowledge and skill clusters. A job analysis model will be produced.

SB003607 **VTP-100**

The Development and Implementation of an Individually Scheduled, Cluster Curriculum in Occupational Education.
Organization: North Carolina State Board of Education, Raleigh. Dept. of Public Instruction.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 73

This project is designed to restructure occupational education in the secondary schools. The project proposes to design more flexible occupational education programs. The project will review the current research on curriculum projects designed to provide a more flexible curriculum in occupational education. The results of this study will be used in intuitively developing the instructional clusters.

SB003608 **VTP-103**

The Development and Demonstration of Expanded Occupational Education Experiences for People Served by Small Rural Schools.
Funding Period: Start Date 1 Aug 71; End Date 31 Jun 73

The objectives of this project are to provide a framework for planning occupational education experiences in small rural schools, provide teachers with planning time and inservice education in curriculum construction, and evaluate and demonstrate programs planned in each school during the 1972-73 school term. A three-week workshop in the summer will provide inservice education for the teachers.

SB003609 **VTP-104**

A Career Progression Study of Occupational Program Graduates.
Organization: North Carolina Occupational Research Unit in Occupational Education, Raleigh.

This five-year career progression study will be an evaluation of occupational education in the state to assist program planners in identifying and describing the strengths and weaknesses of the program. The local occupational teachers will assist in the study through distributing the survey instruments in an effort to get a greater response from graduates.

SB003610

Preparation of High School Seniors as Teacher Aides.
Organization: North Carolina State Dept. of Public Instruction, Raleigh.

This project will incorporate the tested features of the cooperative education programs in preparing high school seniors to serve as teacher aides. The instructional program will provide on-the-job training and related instruction by the teacher and will coordinate practice with classroom learning. Selection criteria will focus on students who have potential as teacher aides, minority and disadvantaged students, and students with low aspirations. Instructional materials will be developed during this project.

SB003611 **VTP-097**

An Analysis of Factors Associated with Varying Dropout Rates.
Organization: North Carolina Occupational Research Unit in Occupational Education, Raleigh.

This study will examine nine school districts with varying dropout rates in an attempt to discover the underlying causes or factors associated with the dropout rates. Students will be identified, and records will be examined through efforts of a local follow-up coordinator. Analyses which account for grade level at the time of dropout and number of occupational education courses will be incorporated.

SB003612 **VTP-280**

Projecting Manpower Needs for Occupational Education Graduates (Design and Develop an Occupational Education Program Reporting and Planning System).
Organization: System Sciences, Inc., Chapel Hill, N.C.

System Sciences, Inc. intends to provide specialized technical assistance to the state to design, develop, test, and implement a statewide occupational education reporting and analysis system. The work will be accomplished by developing alternative system components or building block elements and performance on the component elements selected.

SB003613 **VTP-099**

Carolina Boys Camp Evaluation Proposal.
Organization: Learning Inst. of North Carolina, Durham.

This evaluation project will deal with the prevocational and manual skills training as a part of the Carolina Boys Camp Program.

SB003614 **VTP-374**

Establishment of an "Information Center" at Forsyth Technical Institute to Design a System for Collecting and Processing Manpower Information at the Local Level.
Project Director: Fischer, H. H.
Organization: North Carolina State Board of Education, Raleigh. Dept. of Community Colleges.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objective of this project is to establish an information center at an institution which will develop a system for gathering, processing and keeping current, at the local level, the manpower, labor market, job, and demographic information needed for occupational education planning, curriculum design, and career guidance.

SB003615 **VTP-376**

Development of System to Measure Effectiveness of Occupational Programs.
Project Director: Thacker, Frank A.
Organization: :Davidson County Community Coll., Lexington, N.C.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 73

The objective of this project will be to study systems of automated data storage and retrieval and choose and adapt the one found to be most appropriate. The procedures will include reviewing the litera-

ture on research studies; implementing registration and grade recording system; continuing to collect data on former students; determining the data and organizing needed data; and developing systems for gathering, storing, and retrieving data.

SB003616 **VTP-366**

Computer Services Systems Development to Coordinate Manpower Needs with Occupational Training Programs.
Project Director: Woods, Donaldson G.
Organization: Lenoir Community Coll., Kinston, N.C.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

This project will develop a computer information system to implement the Forsyth Information Center Model and will develoP a computer data base and computer programs, originate a computer information system for the manpower information model, and create a computer data base model and programs. Extensive computer back-up services will help plan, execute, analyze, and evaluate; and program decks and documentation will be duplicated for other institutions.

SB003617 **VTP-373**

Research and Development of the Veitch Diagram Demonstrator for Use in Teaching Boolean Algebra.
Project Director: Richardson, Charles A.
Organization: Richmond Technical Inst., Hamlet, N.C.
Funding Period: Start Date 1 Jul 71; End Date 31 Aug 72

The objectives of this project are to complete development of three prototype models of the Veitch Diagram Demonstrator, study the effectiveness of each model in a classroom situation, and develop the most successful methods of application for the two-year technical student. The models will be designed and built, and the instructor will observe the effectiveness of these models in comparison with former teaching methods and with each other.

SB003618 **VTP-854**

Restructured Registration and Instructional Options.
Project Director: Cherry, Jack F.
Organization: Beaufort County Technical Inst., Washington, N.C.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 73

The objectives of this project are to refine an administrative and educational structure which will allow students to enter college whenever they are ready, account for a wide range of academic backgrounds by applying programmed and multi-sensory approaches to the learning process, and develop a total multi-sensory approach to related material in vocational courses. Instructional systems will be developed on the basis of programmed learning.

SB003619 **VTP-371**

Proposed Project for the Development of a Research Instrument Which Can Assess the Occupational and Educational Status of Former Occupational Enrollees of North Carolina Community Colleges and Technical Institutes.
Organization: Guilford Technical Inst., Jamestown, N.C.
Funding Period: Start Date 1 Jul 71; End Date 31 Dec 71

This project will produce an instrument to be used for gathering data relative to the employment and education status of former students of community colleges and technical institutions. The best vehicle for gathering data will be established, and an instrument will be developed and validated. The instrument will be administered, and the findings will be used for evaluation and development of existing curriculum and counseling programs.

SB003620 **VTP-377**

Drafting Instruction by Audio-Visual Means.
Project Director: Byrd, Patrick N.
Organization: Richmond Technical Inst., Hamlet, N.C.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objectives of this project are to encourage students with poor academic backgrounds to remain in school and attain a higher proficiency level using other than present methods and maintain a higher interest level and more intense instruction for all students. A sound-on-slide machine will be provided to each student, and the retention rates will be compared with prior records. Evaluation of all students will be conducted periodically.

SB003621 **VTP-378**

Predictive Models for Success in Occupational Education.
Project Director: Poindexter, Charles C.
Organization: Wayne Community Coll., Goldsboro, N.C.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objectives of this project are to design, develop, and operate an efficient pilot program of occupational testing and guidance, and develop a significant battery of occupational testing and guidance procedures. From the findings of the pilot study, an occupational testing and guidance program will be instituted leading to the development of a comprehensive guidance center.

SB003622 **VTP-370**

Occupational Education Salvage: The Identification, Location, and Personal Guidance of Disadvantaged Students in Moore and Hoke Counties into Meaningful Careers.
Project Director: Anderson, Mildred W.
Organization: Sandhills Community Coll., Southern Pines, N.C.
Funding Period: Start Date 1 Jul 71; End Date 31 Dec 71

The objectives of the project will be to identify and locate high school dropouts or recent high school graduates who have terminated their formal education and persuade them to enter the community college system and record and evaluate the successful and unsuccessful methods used. Selected counselors will be employed to carry out the project.

SB003623 **VTP-856**

Summer Institute for High School Students. A Research Project in Pre-Vocational Education.
Project Director: Finch, Willard C.
Organization: Pitt Technical Inst., Greenville, N.C.
Funding Period: Start Date 1 Apr 72; End Date 30 Sep 74

The objective of this project is to foster a change of attitude and interest in the high school students as it relates to vocational education. A group of twenty students (ten control and ten experimental) will be chosen for the project. A vocational interest aptitude test will be given to both groups, and the experimental group will be subjected to a vocational summer institute. Pretests and posttests will be statistically treated and reported.

SB003624 **VTP-380**

Improvement of Articulation Between Pamlico County Public School System and Pamlico Technical Institute.
Project Director: Kemp, Larry.
Organization: Pamlico Technical Inst., Alliance, N.C.
Funding Period: Start Date 1 Sep 71; End Date 30 Jun 72

The objective of this project is to develop a master plan for occupational education. A professional will be hired to conduct the research project and develop a program. All facilities and personnel in both systems for study and consideration will be made available. A committee of local educators will be formed to help the professional.

SB003625 **VTP-372**

A Developmental Research Plan for Occupational Education Programs – Attitude Assessment.
Organization: Southeastern Community Coll., Whiteville, N.C.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objective of this research plan is to develop a systematic procedure for assessing student and employer attitudes and attitude change. The procedures are to develop attitude scales that will assess the attitudes and changes of occupational students and their employers. Based upon the results, observational studies will be made to determine the reasons for various attitudes and the effect they have upon the occupational programs at the institution.

SB003626 **VTP-379**

The Design and Development of an Occupational Training Center for Disadvantaged and Handicapped.
Project Director: Hart, Richard L.
Organization: Halifax County Technical Inst., Weldon, N.C.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objectives of this project are to evaluate students' aptitudes in a variety of occupational situations and help them select a career best suited to their handicap, define problems and offer solutions in the development and implementation of training programs, research

problems of employment, and develop a pilot project of on-the-job occupational training. The clients will be pre-evaluated and will then be placed in counseling and training areas.

Fiscal Year 1972

SB003627

The Development and Demonstration of Expanded Occupational Education Experiences for Youth in Small Rural Schools.
Organization: North Carolina State Dept. of Public Instruction, Raleigh.
Funding Period: Start Date 1 Aug 71; End Date 30 Jun 73

The mission of the project is to aid people in developing realistic and relevant occupational education programs. To do so, the project will provide a framework for planning occupational experiences for youth in small rural schools, identify and use community resources to broaden occupational education offerings, provide inservice education for teachers, demonstrate the program in selected schools for one year, strengthen occupational information sources for student use, and investigate the feasibility of establishing an overnight training situation for students in isolated areas.

SB003628

Preparation of High School Seniors as Teacher Aides.
Organization: North Carolina State Dept. of Public Instruction, Raleigh.

This project will incorporate the tested features of the cooperative education programs in preparing high school seniors to serve as teacher aides. The instructional program will provide on-the-job training and related instruction by the teacher and will coordinate practice with classroom learning. Selection criteria will focus on students who have potential as teacher aides, minority and disadvantaged students, and students with low aspirations. Instructional materials will be developed.

SB003629

Establishment of an "Information Center" at Forsyth Technical Institute to Design a System for Collecting and Processing Manpower Information at the Local Level.
Project Director: Fischer, H. H.
Organization: North Carolina State Dept. of Community Colleges, Raleigh.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

An information center will be established to develop a system for gathering, processing, and keeping current at the local level the manpower, labor market, job, and demographic information needed for occupational education planning, curriculum design, and career guidance.

SB003630

The Design and Development of an Occupational Training Center for Disadvantaged and Handicapped.
Project Director: Hart, Richard L.
Organization: Halifax County Technical Inst., Weldon, N.C.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objectives of this project are to evaluate targeted persons' aptitudes in a variety of occupational situations and help them select careers best suited to their handicaps, define problems and offer solutions in the development and implementation of training programs, research employment problems and develop a pilot project of on-the-job occupational training. The clients will be pre-evaluated, counseled, and placed in training areas.

SB003631

The Dissemination of Occupational Education Research Information Through the Support and the Development of a Community College Journal.
Organization: North Carolina State Univ., Raleigh.

Descriptive information unavailable.

SB003632

Career Education Project for School Personnel.
Organization: Wake County Public Schools, Raleigh, N.C.

The Wake County school system will conduct an eleven-month program to provide educators with experiences which can exert a positive influence on their attitudes towards and knowledge of the world of work and offer industry insights into current educational thought, especially in career education. The school system will also create a model of industrial involvement in career education strong enough to positively affect curriculum and show how this model can be re-created in other county school systems throughout the state.

SB003633

Special Tabulation of 1970 Twenty Percent Data Showing Intermediate Occupations by Intermediate Industry Groups for the 100 Counties of North Carolina.
Organization: Bureau of the Census (DOC), Suitland, Md.

The purpose of this project is to provide the U.S. Department of Bureau of the Census with a special tabulation, on computer tape and printouts, of the 1970 census 20 percent data showing the distribution of intermediate occupations by intermediate industry groups for each of the 100 counties in the state. This information will be used for projecting manpower needs and occupational education programs.

SB003634

Preparation of Occupational Education Model for the Primary Grades.
Organization: North Carolina Univ., Chapel Hill.

Descriptive information unavailable.

Fiscal Year 1973

SB003635 **VTP-285**

Summer Institute for High School Students; A Research Project in Pre-Vocational Education.
Organization: Pitt Technical Inst., Greenville, N.C.
Funding Period: Start Date 1 Apr 72; End Date 30 Jun 73

The project objective is to foster a change of attitude and interest in high school students from the top two quartiles as it relates to vocational education. A group of twenty students (ten control and ten experimental) will be chosen for the project. A vocational interest aptitude test will be given, and one group will be subjected to a vocational summer institute. Pretests and posttests will be statistically treated and reported.

SB003636 **VTP-375**

Restructured Registration and Instructional Options.
Project Director: Cherry, Jack F.
Organization: Beaufort County Technical Inst., Washington, N.C.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 73

The goal of this program is the development of multi-sensory self-instructional systems for use in rural schools which will permit students to enter at any time. Instructional systems in certain basic courses in the automotive and electrical technology curriculums will be ready for use in the fall of 1972. Variable step sizes in the learning sequence and cooperative peer effort will be used as motivation.

SB003637 **VTP-855**

The Planning of a Model Area Occupational Evaluation Center for the Handicapped in North Carolina Multi-County Planning Regions, I, Q, and R.
Project Director: Hart, Richard L.
Organization: Nash Technical Inst., Rocky Mount, N.C.
Funding Period: Start Date 1 Jan 73; End Date 31 Dec 73

The purpose of this project is to plan the establishment of a model area occupational evaluation center to coordinate and provide vocational evaluation, counseling, training, and rehabilitation services for the handicapped. An advisory council will be established to guide the program, statistical data relative to the target population will be developed, survey forms will be developed and personal interviews will be conducted, and the model will be published and disseminated.

SB003638 VTP-876

Field Test and Revision Activities for the Mathematics and Communications Competency Areas of Distributive Education.
Project Director: Lucas, Stephen R.
Organization: North Carolina Univ., Greensboro.
Funding Period: Start Date 1 Jan 73; End Date 30 Sep 73

The objectives of this study are to field test, evaluate, and revise selected Learning Activity Packages (LAP) as indicated by the data obtained about them and edit and prepare LAPs in camera ready form. Selected distributive education students will have LAPs administered to them to obtain data for the eventual development of 983 competencies needed by sixty-nine jobs in distribution.

SB003639

Career Education Project for School Personnel.
Organization: Wake County Public Schools, Raleigh, N.C.
Funding Period: Start Date 1 Feb 73; End Date 31 Aug 73

The Wake County school system will conduct an eleven-month program to provide educators with experiences which can exert a positive influence on their attitudes towards and knowledge of the world of work and offer industry insights into current educational thought, especially in career education. The school system will also create a model of industrial involvement in career education strong enough to positively affect curriculum and show how this model can be re-created in other county school systems throughout the state.

SB003640

The Dissemination of Local Level, Long-Range Planning Systems to North Carolina Technical Institutes and Community Colleges.
Organization: North Carolina State Dept. of Public Instruction, Raleigh.

Descriptive information unavailable.

SB003641

The Revision and Field Testing of Individualized Instructional Materials in Carpentry, Drafting, Masonry, Metals, and Typing Which Have Been Developed for Implementing an Individually Scheduled Cluster Curriculum in Occupational Education.
Organization: Sanford City Schools, N.C.

Descriptive information unavailable.

SB003642

Occupational Adjustment Training (OAT).
Organization: North Wilkesboro City Schools, N.C.
Funding Period: Start Date 1 Mar 73; End Date 30 Jun 75

This project will develop and implement a system of occupational education in grades 6-12 and a job training and placement procedure aimed at intellectually disabled students. An occupational overview of local businesses and industries will be conducted in grades 6-8. In grades 9-12, the first seven months of each year will be spent on academic, job, and social skills; the eighth month will be spent on job preparation; and the ninth month will be spent in employment.

Fiscal Year 1974 - No Projects Reported

Fiscal Year 1975

SB003643 VTP-1813

Curriculum Development in Occupational Exploration.
Project Director: Whitehurst, Shelton D.
Organization: Tarboro City Schools, N.C.
Funding Period: Start Date 1 Oct 74; End Date 30 Sep 76

The objectives of this project are to identify and validate the specific competencies (cognitive, affective, or psychomotor) to be mastered by students in fifteen occupational clusters; develop student and teacher guides for teach module; pilot test the system; and revise the curriculum. A system of individualized instruction for occupational exploration for grades 7-9 will be developed.

Fiscal Year 1976

SB003644

Extension of the Project Entitled "Curriculum Development in Occupational Exploration."
Organization: Tarboro City Schools, N.C.

Descriptive information unavailable.

SB003645 VTP-2519

The Dissemination of Occupational Education Research, Adult Basic Education, and Other Community College and Technical Institute Information.
Project Director: Segner, Ken B.
Organization: North Carolina State Univ., Raleigh.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will continue the development and publication of the quarterly review, "Community College Review," which disseminates occupational research and adult basic education and other community college and technical institute information. Specific objectives are to contract for printing, promotion, and distribution of four issues.

SB003646 VTP-2229

Reading Teaching Technicians: An Interagency Proposal for Dealing with Reading Instruction in the Public Schools.
Project Director: Mattern, Patrick M.
Organization: North Carolina Univ., Greensboro. School of Education.
Funding Period: Start Date 1 Aug 75; End Date 31 Jul 77

This project will establish a cooperative program involving two-year institutions, local education agencies (LEAs), and the University of North Carolina to deal with the problem of poor readers and the need for specialized reading instruction. The objectives are to train diploma students at a two-year institute in reading instruction, elevate the reading skills of children served by LEAs, and train doctoral students to deal with these instructional programs and reading problems.

SB003647

Consortium for Sharing Instructional Materials.
Project Director: Carter, Joseph Bailey
Organization: North Carolina State Dept. of Community Colleges, Raleigh.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 77

The purpose of this project is to develop a possible solution to the problem of establishing a consortium for development and sharing of instructional media. Project objectives include forming a consortium of community colleges and technical institutes to devise a plan for production and sharing of instructional media to support occupational education.

SB003648

Preparation of a Model and Feasibility Study for a Physician's Assistants Curriculum.
Project Director: Minette, William P.
Organization: Pitt Technical Inst., Greenville, N.C.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The additional funding for this project will enable certain members of the advisory committee to visit selected physician's assistants programs to obtain information relative to curriculum development and space, facility, and equipment requirements. Also, the project director will be able to attend the annual meeting of the American Academy of Physicians' Assistants Programs and confer with HEW officials in Atlanta.

SB003649

Criterion Referenced Evaluation of Administrators and Faculty in Technical Institutes/Community Colleges.
Project Director: Pollack, J. David
Organization: Carteret Technical Inst., Morehead City, N.C.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

The purpose of this continued project is to field test the evaluation system, make a final draft of the survey instrument, and hold two workshops to discuss how the plan works. The project director and delegates from each of the schools who take part in the field studies will be available at these workshops to discuss the evaluation process.

SB003650 VTP-2274

The Dissemination of Occupational Education Research Information.
Project Director: Boone, Edgar
Organization: North Carolina State Univ., Raleigh. Dept. of Adult and Community Coll. Education.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The aim of this project is to disseminate occupational education research, adult basic education, and other community college and technical institute information through the partial support of the continued development and publishing the "The Community College Review." The Review will be comprehensive in content, reporting on occupational education research findings, adult basic education topics, and other aspects of comprehensive, college institutions.

SB003651

Putting Resources and Organization Behind Education (Project PROBE).
Project Director: Haywood, Charles
Organization: High Point Public Schools, N.C.
Funding Period: Start Date 1 Mar 76; End Date 31 Dec 76

The four purposes of Project PROBE are to develop models for identifying and assessing available occupational resources, using alternative approaches to occupational instruction, using a multiplicity of resources in preservice and inservice education, and assessing entrance and exit pupil proficiency as a result of occupational experiences. Consortium participants will include local school administrative units from Alamance, Caswell, and Davidson counties and Asheboro City and High Point City and public and private postsecondary institutions within the counties of the consortium members.

SB003652 VTP-2379

Proposal for Extension of the New Pioneers Project (Originally Entitled "The Development of a Model to Expand Employment Options and Occupational Education Opportunities for Women in North Carolina").
Project Director: Smith, Amanda
Organization: North Carolina State Dept. of Public Instruction, Raleigh. Div. of Occupational Education.
Funding Period: Start Date 1 Jan 76; End Date 30 Jun 76

Implementation of the model will be the focus of this continuing project. Local education agency plans, written by local directors of occupational education, will be analyzed and evaluated. A method for updating and evaluating such plans will be designed as a regular part of the occupational education planning process. State agency plans will also be analyzed and evaluated and assistance offered in a liaison capacity to reduce sex bias.

SB003653

Extension of the Project Entitled: "Student Communications and Occupations Related Experiences."
Organization: Edenton - Chowan Schools, Edenton, N.C.

The purpose of this project is to field test materials developed under project SCORE (Student Communications and Occupationally Related Experiences) which appear to have potential for use in grades 7-10 occupational exploration programs. The effects of the instructional system on student behavior, the procedures and problems of installing the instructional system in an ongoing school program, appropriateness of the curricular materials for the typical school setting, and the compatibility of the instructional system with students' and teachers' interests and desires will be determined.

SB003654 VTP-2596

Articulation of Occupational Education Programs Between Secondary Schools and Technical Institutes/Community Colleges. Continuation.
Project Director: Woelfer, Carlyle P.
Organization: James Sprunt Inst., Kenansville, N.C.
Funding Period: State Date 1 Aug 76; End Date 1 Aug 78

This project will continue a program to develop a comprehensive model plan for the articulation of public high school occupational education programs with those of the technical institutes and community colleges to serve as a guide for the state. The curriculum articulation model in occupational education will be pilot tested and revised.

SB003655

Status of Vocational Agriculture and the Changing Roles of the Teachers of Vocational Agriculture in North Carolina.
Project Director: Clary, Joseph
Organization: North Carolina State Univ., Raleigh. Center for Occupational Education.
Funding Period: Start Date 1 Jul 76; End Date 31 Dec 77

The purpose of this project is to examine the changing roles of vocational agriculture teachers and evaluate the current status of programs. This information will be the basis for recommendations concerning the role of vocational agriculture in public schools during the next decade. The major objectives which will guide the project include examining and analyzing trends in vocational agriculture education in the state, establishing a data base for future studies, evaluating program results, and determining the changes teachers and local educational administrators perceive necessary to strengthen programs.

SB003656

Curriculum Development in Occupational Exploration.
Project Director: Whitehurst, Shelton D.
Organization: Tarboro City Schools, N.C.
Funding Period: Start Date 3 Oct 74; End Date 30 Sep 76

The purpose of this project is to develop, pilot test, and revise an instructional system of individualized occupational exploration modules for grades 7-9. Specific competencies in the fifteen occupational clusters which should be mastered by students will be identified and validated. The curriculum modules so developed will be supplemented by multimedia materials, and student learning guides and teacher guides will be developed for each module. The instructional system will be pilot tested on at least thirty students at each grade level and then revised.

SB003657

Project Student Communications and Occupations Related Experiences (SCORE).
Organization: Edenton - Chowan Schools, Edenton, N.C.

The goals of this project are to improve students' knowledge of and attitudes towards occupations; increase their enrollemnt in occupational courses; reduce their dropout rate; improve their self-image and attitudes toward school, learning, peers, and teaching; and improve their oral communication effectiveness and reading performance. Strategies include occupation oriented simulation games, restructured physical environments, and use of learning activity packages. Students in both the experimental and control groups will be in grades 7-10.

SB003658

Employment Option - Women (WOW).
Organization: North Carolina State Dept. of Public Instruction, Raleigh.

Descriptive information unavailable.

SB003659

Instructional Media in Occupational Education.
Organization: North Carolina State Dept. of Community Colleges, Raleigh.

Descriptive information unavailable.

SB003660

Community College Review.
Organization: North Carolina State Univ., Raleigh.

Descriptive information unavailable.

SB003661

Preparation of a Model and Feasibility Study for a Physician's Assistants Curriculum.
Project Director: Minette, William P.
Organization: Pitt Technical Inst., Greenville, N.C.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The additional funding for this project will enable certain members of the advisory committee to visit selected physician's assistants programs to obtain information relative to curriculum development and space, facility, and equipment requirements. Also, the project

director will be able to attend the annual meeting of the American Academy of Physicians' Assistants Programs and confer with HEW officials in Atlanta.

SB003662

The Development and Testing of a Criterion Referenced Evaluation System for Faculty and Administrators in Technical Institutes and Community Colleges.
Organization: Carteret Technical Inst., Morehead City, N.C.
Descriptive information unavailable.

SB003663

The Development of Modular Instructional Materials for Physics for One-Year Vocational Students.
Project Director: Parsons, Ralph
Organization: Forsyth Technical Inst., Winston-Salem, N.C.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 76

The objectives of this project are to develop instructional materials for vocational physics in the form of modules to guide students through a series of analytical experiments to discover the physical concepts involved in the operation of a real machine or device and assemble audiovisual materials to support the modules. These materials will be adaptable for individualized study or group use.

SB003664

The Articulation of Occupational Education Programs between Secondary Schools and Community Colleges/Technical Institutes Project.
Organization: James Sprunt Technical Inst., Kenansville, N.C.
Funding Period: Start Date 1 Sep 74; End Date 31 Jul 78

Phase I of this four-year articulation research project intends to improve coordination of occupational education programs between the public schools and technical institutes, develop proficiency tests for selected common curricula, and develop a comprehensive model plan. Activities in Phase II will include pilot testing and revising the Curriculum Articulation Model in Occupational Education.

SB003665

No Title.
Organization: James Sprunt Inst., Kenansville, N.C.
Descriptive information unavailable.

SB003666

Profile of Students in North Carolina Community Colleges and Technical Institutes, 1974.
Project Director: Shearon, Ronald W.
Organization: North Carolina State Univ., Raleigh.

The purpose of this project is to promote increased understanding of the socioeconomic and demographic characteristics of community college and technical institute students in relation to the North Carolina Community College System and to the types of educational program areas in which these students are enrolled.

SB003667

An Assessment Procedure to Determine the Effectiveness of Individualized Instruction Approaches in the Technical Institutes and Community Colleges of North Carolina.
Project Director: Johnson, Mildred B.
Organization: North Carolina Univ., Greensboro. School of Home Economics.
Funding Period: Start Date 1 Jul 74; End Date 31 Dec 75

Specific objectives are to (1) identify aspects of the occupational education programs in the technical institutes and community colleges which have been individualized; (2) determine the degree to which individualization has been implemented in each institution; (3) develop a model, evaluative measures, and guidelines for assessing the effectiveness of individualized instructional approaches; and (4) disseminate the model and evaluative measures.

SB003668

Reading Teaching Technicians: An Interagency Proposal for Dealing with Reading Instruction in the Public Schools.
Project Director: Mattern, Patrick M.
Organization: North Carolina Univ., Greensboro. School of Education.
Funding Period: Start Date 1 Aug 75; End Date 31 Jul 77

This project will establish a cooperative program involving two-year institutions, local education agencies (LEAs), and the University of North Carolina to deal with the problem of poor readers and the need for specialized reading instruction. The objectives are to train diploma students at a two-year institute in reading instruction, elevate the reading skills of children served by LEAs, and train doctoral students to deal with these instructional programs and reading problems.

SB003669

Occupational Preparation for the Handicapped: Occupational Adjustment Training (OAT).
Organization: North Wilkesboro City Schools, N.C.

This project will develop and implement a system of occupational education in grades 6-12 and a job training and placement procedure aimed at intellectually disabled students. An occupational overview of local businesses and industries will be conducted in grades 6-8. In grades 9-12, the first seven months of each year will be spent on academic, job, and social skills; the eighth month will be spent on job preparation; and the ninth month will be spent in employment.

SB003670

Putting Resources and Organization Behind Education. Project PROBE.
Project Director: Haywood, Charles
Organization: High Point Public Schools, N.C.
Funding Period: Start Date 1 Mar 76; End Date 31 Dec 76

The four purposes of Project PROBE are to develop models for identifying and assessing available occupational resources, using alternative approaches to occupational instruction, using a multiplicity of resources in preservice and inservice education, and assessing entrance and exit pupil proficiency as a result of occupational experiences. Consortium participants will include local school administrative units from Alamance, Caswell, and Davidson counties and Asheboro City and High Point City and public and private post-secondary institutions within the counties of the consortium members.

Fiscal Year 1977 - No Projects Reported

Part D

Fiscal Year 1970

SB003671

Staff and Program Development for Occupational Exploration in Middle Schools.
Organization: East Carolina Univ., Greenville, N.C.
Descriptive information unavailable.

SB003672

Developing an Appreciation of the World of Work: A Workshop for Teachers, Guidance Personnel, and Counselors.
Organization: North Carolina State Univ., Raleigh.
Descriptive information unavailable.

SB003673

Vocational Curriculum Structure Using the Multi-Entry, Multi-Level, Multi-Exit Approach.
Organization: Roanoke-Chowan Technical Inst. Ahoskie, N.C.
Descriptive information unavailable.

SB003674

New Horizons.
Organization: Sandhills Community Coll., Southern Pines, N.C.
Descriptive information unavailable.

SB003675 VTP-369

Implementation and Evaluation of an Outreach Effort to Provide Effective Career Guidance and Counseling for Socioeconomically Disadvantaged Youths and Adults.
Project Director: Brown, Robert L.
Organization: W.W. Holding Technical Inst., Raleigh, N.C.
Funding Period: Start Date 1 Jul 71; End Date 31 Dec 72

The objective of this project is to implement and evaluate an outreach effort to provide effective career guidance and counseling for socioeconomically disadvantaged youths and adults. The project involves the use of a mobile career guidance and information center van. The institute will complete the project, evaluate the effort, and disseminate the findings.

SB003676

Southwestern Technical Institute Mobile Education Classroom Laboratory.
Organization: Southwestern Technical Inst., Sylva, N.C.
Descriptive information unavailable.

SB003677

Project Home Crafts.
Organization: Beaufort County Technical Inst., Washington, N.C.
Descriptive information unavailable.

SB003678

Minority Business Survey.
Organization: Beaufort County Technical Inst., Washington, N.C.
Descriptive information unavailable.

SB003679

A Program of Articulation: Edgecombe County-Tarboro Community and Edgecombe County Technical Institute.
Organization: Edgecombe County Technical Inst., N.C.
Descriptive information unavailable.

SB003680

Comprehensive 5 Year Followup of Dropouts and Graduates.
Organization: Wayne County Board of Education, Goldsboro, N.C.
Descriptive information unavailable.

SB003681

Pre-Vocational Education.
Organization: Elizabeth City-Pasquotank Board of Education, N.C.
Descriptive information unavailable.

SB003682

Gaston College - Dallas Youth Offenders Rehabilitation Project.
Organization: Gaston Coll., Dallas, N.C.
Descriptive information unavailable.

SB003683

"Road-Back" (Assists Law Offenders).
Organization: Isothermal Community Coll., N.C.
Descriptive information unavailable.

SB003684

The Career Guidance Bridge Project.
Organization: Johnston Technical Inst., N.C.
Descriptive information unavailable.

Fiscal Year 1971

SB003685

Pre-Vocational Education.
Organization: Elizabeth City-Pasquotank Board of Education, N.C.
Descriptive information unavailable.

SB003686

Gaston College - Dallas Youth Offenders Rehabilitation Project.
Organization: Gaston Coll., Dallas, N.C.
Descriptive information unavailable.

SB003687

"Road-Back" (Assists Law Offenders).
Organization: Isothermal Community Coll., N.C.
Descriptive information unavailable.

SB003688

The Career Guidance Bridge Project.
Organization: Johnston Technical Inst., N.C.
Descriptive information unavailable.

SB003689

Mountain Crafts Program at Mountain View.
Organization: Graham County Board of Education, N.C.

This mountain crafts program, involving approximately 200 students, is designed to reach all students in grades K-12 in an isolated school. The program includes craft projects in ceramics, leather works, woodworking, stitchery, and decoupaging.

SB003690

Mobile Career Exploration Laboratory.
Organization: Dare, Hyde, and Tyrrell County Boards of Education, N.C.

The Career Exploration Laboratory project is a delivery system of educational and occupational information. This system has been implemented in all ten schools within the Dare-Hyde-Tyrell School Units. This model program is designed to broaden the student's educational and career options.

SB003691

An Analysis of the Technical Institute Graduates.
Organization: Beaufort County Technical Inst., Washington, N.C.
Descriptive information unavailable.

SB003692

Vocational Education Curricula.
Organization: Roanoke-Chowan Technical Inst., Ahoskie, N.C.
Descriptive information unavailable.

SB003693

Mobile Education Classroom Laboratory.
Organization: Southwestern Technical Inst., Sylva, N.C.
Descriptive information unavailable.

SB003694

Information Systems Vocational Decision-Making.
Organization: Vance County Technical Inst., N.C.
Descriptive information unavailable.

SB003695

A Project to Increase Occupational Training and Economic Earnings.
Organization: Hoke County Schools, N.C.
Descriptive information unavailable.

SB003696

Relevant Reading for Vocational Students.
Organization: Central Piedmont Community Coll., Charlotte, N.C.
Descriptive information unavailable.

SB003697

The Implementation of a Career Development Program.
Organization: Washington County Board of Education, N.C.

This project is designed to help approximately 600 students discover the world of work. The target groups will consist of students in grades 7-10 in three schools. This project will be conducted in cooperation with a Title III project.

Fiscal Year 1972

SB003698

A Project to Increase Occupational Training and Economic Earnings.
Organization: Hoke County Schools, N.C.
Descriptive information unavailable.

SB003699

Relevant Reading for Vocational Students.
Organization: Central Piedmont Community Coll., Charlotte, N.C.
Descriptive information unavailable.

SB003700

The Implementation of a Career Development Program.
Organization: Washington County Board of Education, N.C.

This project is designed to help approximately 600 students discover the world of work. The target groups will consist of students in grades 7-10 in three schools. This project will be conducted in cooperation with a Title III project.

SB003701

Evaluation of ABE, GED, and High School Diploma Classes with Emphasis on Dropouts in these Programs.
Organization: Davidson County Community Coll., Lexington, N.C.
Descriptive information unavailable.

SB003702

Simulation in Occupational Prestige and Choice.
Organization: Sampson Technical Inst., N.C.
Descriptive information unavailable.

SB003703

Introduction to Vocational Career Opportunities for Disadvantaged Youth.
Organization: Martin Technical Inst., N.C.
Descriptive information unavailable.

SB003704

Proposal for the Establishment of Diagnostic Testing Clinic at Rockingham Community College.
Organization: Rockingham Community Coll., Wentworth, N.C.
Descriptive information unavailable.

SB003705

Electronics Servicing Modular Program.
Organization: Roanoke-Chowan Technical Inst., Ahoskie, N.C.
Descriptive information unavailable.

Fiscal Year 1973

SB003706

Career Education Tri-County Project.
Organization: North Carolina State Dept. of Public Instruction, Raleigh.
Descriptive information unavailable.

SB003707

Assessment of Occupational Education Delivery System and Identification of Alternatives.
Organization: North Carolina State Dept. of Public Instruction, Raleigh.
Descriptive information unavailable.

SB003708

Occupational Training in Commercial Crafts.
Organization: North Carolina State Dept. of Public Instruction, Raleigh.
Descriptive information unavailable.

SB003709

Careers Development Program.
Organization: North Carolina State Dept. of Public Instruction, Raleigh.
Descriptive information unavailable.

Fiscal Year 1974

SB003710

Identification of Potential Students.
Organization: Carteret Technical Inst., Morehead City, N.C.
Descriptive information unavailable.

SB003711

Development Program.
Organization: Robeson Technical Inst., Lumberton, N.C.
Descriptive information unavailable.

SB003712

Career Planning Course.
Organization: Sampson Technical Inst., N.C.
Descriptive information unavailable.

SB003713

Exemplary.
Organization: Davidson County Community Coll., Lexington, N.C.
Descriptive information unavailable.

SB003714

Exemplary.
Organization: James Sprunt Inst., Kenansville, N.C.
Descriptive information unavailable.

SB003715

Joint Planning.
Organization: Sandhills Community Coll., Southern Pines, N.C.
Descriptive information unavailable.

SB003716

Peer Counselor.
Organization: Wayne Community Coll., Goldsboro, N.C.
Descriptive information unavailable.

SB003717

Exemplary Part D.
Organization: Beaufort County Technical Inst., Washington, N.C.
Descriptive information unavailable.

SB003718

Instructional Systems.
Organization: Southeastern Community Coll., Whiteville, N.C.
Descriptive information unavailable.

SB003719

Joint Articulation Study Involving Public Schools.
Organization: Vance-Granville Technical Inst., N.C.
Descriptive information unavailable.

Fiscal Year 1975

SB003720 VTP-1841

Durham City Youth Employment Service "YES."
Organization: Durham City Schools, N.C.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 77

The objectives of this project are to develop a working relationship for those involved in serving youth outside the schools, provide coordination of placement services, provide data to students and school staff on employment trends, and develop employment opportunities for the handicapped and disadvantaged. Survey and follow-up studies will be conducted of school youth, local industry, and community; and a structure will be developed for the services.

SB003721 VTP-1817

A New Horizon Model in Occupational Education Programming.
Project Director: Brisson, Gloria
Organization: Fayetteville City Schools, N.C.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

The objectives of this project are to identify the occupational programs and courses presently offered, determine the needs of grades 7-12 occupational students, determine the labor market demands, obtain follow-up information on previous students and determine their status, and examine course structure within each program. The study will project what new career offerings may be necessary to strengthen the program and design occupational materials and field test and implement them.

SB003722 VTP-1814

Marine Science and Occupations.
Organization: Brunswick County Board of Education, Southport, N.C.
Funding Period: Start Date 1 Oct 74; End Date 30 Jun 77

The Marine Science Occupation Program trains secondary students in commercial fishing, boat operations, marine sales and services and marine life and ecology. Upon completion of the program, each student will be able to perform at a 75 percent positive level in marlinspike and deck seamanship, boat maintenance and repair, and on certain marine science activities.

SB003723 VTP-1815

Occupational Preparation of High School Students as Teacher Aides.
Project Director: Nixon, Mary
Organization: Edenton-Chowan Schools, Edenton, N.C.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 77

The objective of this project is to provide realistic occupational training for high school students as instructional teacher aides. Goals are to have participating students demonstrate the necessary skills, successfully complete the program, and demonstrate an improvement in their attitude toward school. It is hoped at least 60 percent of the students will obtain employment in paraprofessional teacher aide positions or continue their training. Students will be provided with classroom instruction and work experiences, and inventories and pre and posttests will be administered.

SB003724 VTP-1816

To Develop a Program Planning Model.
Organization: Gates County Public Schools, N.C.
Funding Period: Start Date 1 Oct 74; End Date 30 Jun 75

The objectives of this three-year project are to identify the occupational programs and courses presently offered, determine the needs of grades 8-12 occupational students, determine the labor market demands, obtain follow-up information on previous students, and examine course structure within each program. Equipment, materials and supplies will be selected to meet the needs required to support the program. A tie-in of teachers, programs, materials, equipment, and supplies will aid in developing a model.

SB003725

Occupational Exploration Intern Program.
Organization: West-Charlotte High School, N.C.
Descriptive information unavailable.

SB003726

Articulation Staff Development.
Project Director: Ellerbe, James H.
Organization: North Carolina State Dept. of Community Colleges, Raleigh.

The objective of this project is to obtain funds for the employment of one professional staff member for twelve weeks during the summer of 1975. This individual will review the current program for articulating secondary and postsecondary occupational education and produce a manual for use by the Division of Staff Development in training institutional staff to deal with articulation. This manual will be designed so that, upon the project's completion, a slide/tape package can be developed from it.

SB003727

Occupational Information and Exploration Experiences for High School Students.
Organization: Beaufort County Technical Inst., Washington, N.C.
Descriptive information unavailable.

SB003728

Classifying and Cataloging the Skills and/or Products of Folk Artists and Craftsmen.
Organization: Blue Ridge Technical Inst., Flat Rock, N.C.
Descriptive information unavailable.

SB003729

An In-Depth View of the Program Offerings of a Technical Institute.
Organization: Carteret Technicial Inst., Morehead City, N.C.
Descriptive information unavailable.

SB003730

Recruitment and Identification of the Undereducated, Underemployed, School Drop-Outs, Pregnant Girls, Welfare Recipients and Others.
Organization: Halifax County Technical Inst., Weldon, N.C.
Descriptive information unavailable.

SB003731

Recruitment of Handicapped and Disadvantaged.
Organization: James Sprunt Inst., Kenansville, N.C.
Descriptive information unavailable.

SB003732

Faculty Development–Investigating New Concepts and Techniques of Education.
Organization: Pamlico Technical Inst., Alliance, N.C.
Descriptive information unavailable.

SB003733

Special Recruitment and Involvement for the Disadvantaged, Handicapped, Unemployed, Displaced Farm Hands, Tenants and Sharecroppers.
Organization: Roanoke-Chowan Technical Inst., Ahoskie, N.C.
Descriptive information unavailable.

SB003734

Peer Counselors.
Project Director: Waller, C. E.
Organization: Wayne Community Coll., Goldsboro, N.C.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

Wayne Community College will expand the existing oncampus services of peer counselors to include additional community agencies. Peer counselors will (1) continue working in the Wayne County

Boys' Club, Goldsboro Youth Center, and Goldsboro City Schools; (2) initiate services in county high schools and other community agencies and civic organizations; (3) serve as a liaison between students and faculty/administration; and (4) initiate a Helpline. Staff will develop a training model and conduct a follow-up of students served.

Fiscal Year 1976

SB003735 **VTP-2228**

To Identify, Recruit and Instruct Parents of Handicapped Persons in Means Available to Fully Develop the Potential of Their Handicapped Offspring.
Project Director: Johnston, S. Hartley
Organization: Anson Technical Inst., Ansonville, N.C.

This project will identify, recruit, and instruct parents in the means available to fully develop the potential of their handicapped children. Program evaluation will be based on follow-up of activities of handicapped persons whose parents attend the project. A project goal is to have more handicapped persons participate in sheltered workshops, basic education classes, and vocational classes.

SB003736 **VTP-2224**

Development of a Non-Verbal Technique in Instruction for Non-Traditional Students.
Project Director: Foster, Jim
Organization: Central Carolina Technical Inst., Sanford, N.C.

The goal of this project is to develop teaching practices which will be effective for nontraditional learners. To meet the needs of these students, the focus of this project will be to develop nonverbal or low-verbal techniques. Implementation of this goal will be achieved through a media facilitator. This position will be filled by a person skilled in teaching methods, learning theories, and the role of media in instruction.

SB003737 **VTP-2222**

Day Care Model.
Project Director: Crumpton, John
Organization: Durham Technical Inst., N.C.

The purpose of this project is to develop a model of a therapeutically correct day care facility, develop a curriculum to prepare day care professionals to provide therapeutically correct day care service, and provide two workshops to prepare faculties of community colleges across North Carolina to present this curriculum in their own locations.

SB003738 **VTP-2226**

High Risk Adults With Specific Learning Disability.
Project Director: Stowers, Marilyn H.
Organization: Forsyth Technical Inst., Winston-Salem, N.C.

This project is designed to show that adults with average or above average intelligence, but whose reading, writing, or spelling level is below the ninth grade level, will be raised a statistically significant amount as measured by a battery of standardized tests using specific counseling, diagnostic prescriptive teaching methods, and multi-sensory techniques.

SB003739 **VTP-2223**

Performance-Based Objectives.
Project Director: Bright, E. B.
Organization: Pitt Technical Inst., Greenville, N.C.

The purpose of this project is to develop specific standards to meet business standards as nearly as possible in classroom and laboratory situations so entry-level employees will possess the skills the employer expects. Two models will be developed: one for collecting data through task analysis to establish terminal performance criteria, and another to categorize the data into curriculum outlines. Local businesses will be asked to participate.

SB003740 **VTP-2225**

Development of a Crafts Curriculum.
Project Director: Gilbert, Norman
Organization: Southwestern Technical Inst., Sylva, N.C.

The purpose of this project is to assemble material and data to develop a mini-curriculum to enable makers and handlers of cottage crafts to set up and manage their own business. Among the procedures will be developing curricula outlines for courses; preparing lists of outlets and buyers; and developing a basic, simplified bookkeeping system for undereducated adults selling crafts.

SB003741 **VTP-2227**

Peer Counselors.
Project Director: Waller, C. E.
Organization: Wayne Community Coll., Goldsboro, N.C.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The purpose of this project is to expand the existing oncampus services of peer counselors to include additional community agencies. Peer counselors will continue to work in the Wayne County Boys' Club, Goldsboro Youth Center, and Goldsboro City Schools; will initiate services in county high schools and other community agencies and civic organizations; and will serve as a liaison between students and faculty/administration.

SB003742

Occupations Exploration Center.
Organization: Beaufort County Technical Inst., Washington, N.C.

Descriptive information unavailable.

SB003743

Articulation Staff Development.
Organization: North Carolina State Dept. of Community Colleges, Raleigh.

Descriptive information unavailable.

SB003744

Marine Science and Occupations.
Organization: Brunswick County Board of Education, Southport, N.C.
Funding Period: Start Date 1 Oct 74; End Date 30 Jun 77

The major purpose of this project is to train secondary students in commercial fishing, charter and headboat operations, marine sales and services, marine life, and marine ecology. The project is designed to provide meaningful experience and training essential for gainful employment or for continued postsecondary education in marine science occupations.

SB003745

Occupational Preparation of High School Students as Teacher Aides.
Project Director: Nixon, Mary
Organization: Edenton - Chowan Schools, Edenton, N.C.
Funding Period: Start Date 1 Oct 74; End Date 30 Jun 77

The purpose of this project is to provide realistic occupational training for students in grades 11-12 as instructional aides. Students will receive classroom instruction and cooperative work experience. An emphasis will be placed on recruiting disadvantaged youth. High school students who have completed the instructional aide curriculum will be encouraged to become productive workers, continue their training at postsecondary levels, or pursue higher levels of education through college preparation.

SB003746

A New Horizon Model in Occupational Education Programming.
Organization: Fayetteville City Schools, N.C.

This project will conduct an indepth study of grades 7-12 in the Fayetteville City Schools to examine the present career offerings and determine if they fulfill the needs of the students and the community. The study will also attempt to determine what new career offerings may be needed to strengthen the occupational program. Present career offerings will be examined on the basis of duplications and commonalities. Seven schools will be involved in the project.

SB003747

Durham City Youth Employment Service "YES".
Organization: Durham City Schools, N.C.
Funding Period: Start Date 1 Oct 74; End Date 30 Jun 77

The major purpose of this project is to develop a model which incorporates placement and follow-up services for all youth commensurate with their interests, aptitudes, and abilities; preparation activities directed to all youth exiting school which will enable them to obtain and retain employment; and development of lines of communication with businesses and industries which will facilitate the successful entry of youth into the labor market.

SB003748

To Develop a Program Planning Model.
Organization: Gates County Public Schools, Gatesville, N.C.

The major purpose of this project is to develop a model program in a rural community with limited resources. The project will involve a study of existing occupational programs in grades 8-12 in Gates County. The ten priority supply area labor market demands will be identified, a revised curriculum will be implemented, and all occupational teachers will complete at least one occupational inservice workshop.

SB003749 **VTP-1877**

Occupational Exploration Intern Program.
Project Director: Hoywood, Andrew P.
Organization: Charlotte - Mecklenburg Schools, Charlotte, N.C.

The Exemplary Project for Occupational Education serves students in grades 10-11 enrolled in the open high school. Under this program, students will take courses in which the majority of their time is spent as unpaid interns in various businesses, industries, and other agencies. This program will provide an opportunity for career exploration, especially for tenth grade students.

Fiscal Year 1977

SB003750

Industrial Sewing - Special Education.
Project Director: Harrell, William H.
Organization: Roanoke-Chowan Technical Inst., Ahoskie, N.C.

Funds for this project will be used to hire an industrial sewing instructor to train disadvantaged and handicapped persons. The effectiveness of the project will be determined by the number of persons served, number of referrals to other training programs, and number of persons placed on jobs.

SB003751

Hearing Impaired.
Project Director: Eller, Wayne
Organization: Guilford Technical Inst., Jamestown, N.C.

Funds for this project will be used to hire an instructor of courses by/for the hearing impaired in individual income tax preparation, money management techniques, and parenthood planning.

SB003752

Design of Job Entry Programs in a Community College/Technical Institute for Women in a Rural Population Shifting to Industrialization.
Project Director: Honeycutt, Diane
Organization: Richmond Technical Inst., Hamlet, N.C.
Funding Period: Start Date 1 Feb 77; End Date 30 Jun 77

The objective of this project is to design recruitment, counseling, educational, and training programs which a community college/-technical institute can offer women to provide them job market entry and upward mobility. The project will be aimed at women in a rural area which is being industrialized.

NORTH DAKOTA

Part C

Fiscal Year 1971

SB003753 **VTP-024**

School Finance and Distribution Proposal.
Project Director: Worner, Wayne
Organization: Grand Forks Public Schools, N. Dak.
Funding Period: Start Date 15 Sep 70; End Date 15 Jan 71

The purpose of this project is to examine alternative methods of state school finance and to test their effectiveness in relation to the present program. The project wil attempt to validate several programs in terms of equity principles and in terms of equal opportunity for all students, regardless of the wealth of their respective school districts.

SB003754 **VTP-267**

Development of New Vocational Education Curricula for New Careers and Occupations in North Dakota in the Field of Environmental Science Technology.
Project Director: Bruschwein, Harold
Organization: North Dakota State School of Science, Wahpeton.
Funding Period: Start Date 1 Jun 71; End Date 30 Jun 71

The purpose of this project is to develop outlines for the environmental science technology curriculum enabling teachers to properly teach the material needed. In preparation of the outlines, faculty members will visit several state, federal, and other institutional agencies to determine what should be taught to properly prepare technicians to enter employment in the field.

SB003755 **VTP-518**

A Proposal for the Development of an Evaluation Instrument and Procedures for Its Implementation.
Project Director: Bloomquist, Roger
Organization: North Dakota Univ., Grand Forks. Dept. of Business and Vocational Education.

The purpose of this project is to develop a comprehensive research and data-gathering instrument for determining the relative effectiveness of business and office education programs in the state. Procedures will include identifying characteristics of programs to be evaluated, consulting with state officials regarding instrument content, and analyzing and evaluating project results.

SB003756 **VTP-530**

Why Are Rural Area Schools Reluctant to Take Advantage of Services Offered by Area Vocational High Schools?
Project Director: Renner, Theodore F.
Organization: Dickinson Area Vocational High School, N. Dak.
Funding Period: Start Date 1 Sep 71; End Date 30 Jun 72

The purpose of this project is to develop three types of forms for surveying rural schools with no vocational school of their own to determine the reasons for not taking advantage of the area vocational high school located in this district. The district vocational director, local administrators, and the vocational guidance counselor will develop the forms.

SB003757 **VTP-523**

Development of New Vocational Health Curriculum Through Ladder, Lattice Concepts.
Project Director: Hansen, Glenice
Organization: Dickinson Public School District, N. Dak. Dept. for Vocational Education.

The purpose of this project is to produce a well written curriculum that is detailed and planned to reflect the vertical mobility throughout the nursing profession. The research will involve Dickinson Public School District's secondary level vocational school, as well as eleven other two- and four-year institutions throughout the state which are involved in health occupations education.

SB003758

A Proposal for Skill and Objective Identification in Vocational Education which will Enhance Educational Accountability through a Planned-Program-Budgeting-Evaluation System (PPBES).
Organization: Fargo Public Schools, N. Dak.

Descriptive information unavailable.

SB003759

A Research and Development Proposal for Farm Management Education Record Analysis Systems Research and Development.
Organization: North Dakota State Univ., Fargo.

Descriptive information unavailable.

SB003760

Identification of Common Content in Courses Offered by Various Vocational Services at the Secondary Level.
Organization: North Dakota State Univ., Fargo.

Descriptive information unavailable.

SB003761

Development of Statewide Auto Mechanics Curriculum Secondary and Postsecondary Level.
Organization: North Dakota State School of Science, Wahpeton.

Descriptive information unavailable.

Fiscal Year 1972

SB003762

A Proposal for Skill and Objective Identification in Vocational Education Which Will Enhance Educational Accountability through a Planned-Program-Budgeting-Evaluation System (PPBES).
Organization: Fargo Public Schools, N. Dak.

Descriptive information unavailable.

Fiscal Year 1973

SB003763

A Proposal for Skill and Objective Identification in Vocational Education which Will Enhance Education Accountability Through a Planned-Program-Budgeting-Evaluation System (PPBES).
Organization: Fargo Public Schools, N. Dak.

Descriptive information unavailable.

SB003764

A Research and Development Proposal for Farm Management Education Record Analysis Systems Research and Development.
Organization: North Dakota State Univ., Fargo.
Descriptive information unavailable.

SB003765

A Proposal to Develop a Power Operator's Training Program.
Organization: Bismarck Junior Coll., N. Dak.
Descriptive information unavailable.

SB003766

Development of Instructional Materials for Telephone Technician Training.
Organization: North Dakota State School of Science, Wahpeton.
Descriptive information unavailable.

Fiscal Year 1974

SB003767 VTP-1139

Commonalities in Vocational Education.
Project Director: Fischer, Frank N.
Organization: Jamestown Public School District 1, N. Dak.
Funding Period: Start Date 1 Aug 73; End Date 30 Apr 74

The purpose of this project is to develop and field test materials that can be used on a common basis by vocational departments. Home economics and office education teachers will work separately and together preparing behavioral objectives, content, learning activities and evaluation relating to teaching for employability. They will then field test the prepared materials on students at Jamestown High School home economics and office education classes.

SB003768 VTP-1150

A Proposal to Initiate Phase I Follow-Up of North Dakota's Post Secondary Vocational Program Graduates: Office and Distributive Education.
Organization: North Dakota Univ., Grand Forks.
Funding Period: Start Date 1 Oct 73; End Date 15 Jun 74

The purpose of this project is to develop an instrument that will generate objective data for use in determining the trends, strengths, and weaknesses of vocational programs. The following elements will be addressed: evaluation of training, job satisfaction, career goals, educational plans, mobility, and personal data. The project also seeks to provide meaningful data analysis and establish a logical procedural design for follow-up studies.

SB003769 VTP-1162

Proposal for Minigrants to Prepare Study Guides and Accompanying Visual Aid Materials in the Following Job-Cluster Areas: Vocational Agribusiness and Natural Resources.
Project Director: Nowatzki, John F.
Organization: North High School, Fargo, N. Dak.
Funding Period: Start Date 1 Nov 73; End Date 30 Aug 74

The purpose of this project is to develop study guides for clusters of jobs in agribusiness and natural resources, prepare videotape recordings supporting those study guides in the area of human relations relevant to employment in agribusiness and natural resources, prepare slides depicting skills and principles outlined in the study guides, and purchase single copies of reference text books to accompany study guides.

SB003770

Industry - Education Evaluation Project.
Organization: Bismarck Junior Coll., N. Dak.
Funding Period: Start Date 1 Jul 74; 30 Jun 75

The purpose of this project is to initiate industry-education evaluation of existing vocational education programs in North Dakota junior colleges through selected team visitations on site. The teams, selected by personnel from the three junior colleges and state vocational education staff, will each comprise industry personnel and one vocational supervisor. The ultimate purpose is to develop solid ties with industry.

SB003771 VTP-1496

Model Store Curriculum - A Developmental Model for North Dakota.
Project Director: Goschen, Todd
Organization: Fargo Public Schools, N. Dak.
Funding Period: Start Date 1 Jul 74; End Date 31 Dec 74

The objectives of this project are to develop a curriculum that will be applicable and readily available for the opening of the model store in the fall and disseminate this project to other distributive education programs in North Dakota. Learning packages with appropriate numbers, prerequisites, pretests, learning experiences, and posttests will be used.

Fiscal Year 1975

SB003772 VTP-1822

A Followup of Vocational Education Graduates from Trade, Industrial, and Health Programs at the Post-Secondary Level in North Dakota.
Project Director: Nordgaard, Wally
Organization: North Dakota State School of Science, Wahpeton.
Funding Period: Start Date 1 Nov 74; End Date 31 May 75

The objectives of this project are to (1) identify and survey all graduates from trade, industrial, and health programs in the state's postsecondary schools in 1971, (2) determine the effectiveness of the training programs based on returned responses of graduates, (3) prepare a written description of those aspects of the respondents' training programs and work experience, and (4) make generalized suggestions for program improvement and conclusions about existing programs.

SB003773 VTP-1880

Post-Secondary Agri-Business Learning Activity Audio-Visual Development.
Project Director: Larshus, Len
Organization: Bismarck Junior Coll., N. Dak.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

The objective of this project is to develop ten sets of ten to fifteen slides with a script recorded on a cassette tape. The reason for the slides and recorded script is to increase the effectiveness and usefulness of the individual job sheets. Ten job sheets will be selected, and instructors will be assigned to job sheets to develop audiovisual aids. Duplicates will be developed and prepared for distribution.

SB003774 VTP-1889

Utilization of Supervised Occupational Experience Program Manual.
Project Director: Renner, Theodore F.
Organization: Dickinson Area Vocational High School, N. Dak.
Funding Period: Start Date 1 Nov 74; End Date 1 Jun 75

The objective of this project is to find out whether other school districts can use and benefit from this type of manual and to solicit their reactions to this approach. The manuals will be sent to the schools, which will be requested to present a written evaluation of their experience and make recommendations as to its usefulness and changes that need to be made.

SB003775

Developing Multisensory Individualized Study Packages.
Organization: North Dakota School of Science, Wahpeton.
Descriptive information unavailable.

SB003776 VTP-1935

Descriptive Study of Food Service Equipment Used in Different Types of North Dakota Businesses.
Project Director: Hunt, Jim
Organization: Devils Lake Public Schools, N. Dak.

The objectives of this project are to survey typical food management facilities and collect data on kinds of equipment used, use the data as a basis for equipping the food service room at the Devils Lake Multi-District Vocational Center, and determine what training managers feel employees need to operate equipment properly. A home economist will be selected to develop the project and serve as director.

SB003777

A Proposal to Develop a Master Plan for Industrial Arts Program in North Dakota Schools-Phase I.
Organization: North Dakota Univ., Grand Forks.
Descriptive information unavailable.

SB003778 VTP-1908

Career Awareness Materials Program for Special Needs Students.
Project Director: Renner, Theodore
Organization: Dickinson Public School District 1, N. Dak.
Funding Period: Start Date 1 Nov 74; End Date 1 Nov 75

The objective of this project is to produce career materials that special needs students can identify with and understand so that this target group can have as equal an opportunity at career planning as other students in the system. Three staff members will select ten job selections as the beginning for material development. Both an individual and a total station approach will be used.

SB003779 VTP-1907

Development of a Promotional Unit for Unifying Industrial Arts Ideology.
Project Director: Mugan, Donald
Organization: Valley City State Coll., N. Dak.
Funding Period: Start Date 1 Feb 75; End Date 30 Jun 75

The objective of this project is to develop a slide set to correspond with a cassette tape. This slide and tape set will be used in developing a presentation that can be used in the promotion and development of industrial arts programs.

SB003780 VTP-2011

A Study to Develop a Course of Study for North Vocational Agriculture/Agri-Business Programs.
Project Director: Arntson, Eric
Organization: Watford City Public Schools, N. Dak.
Funding Period: Start Date 1 Mar 75; End Date 30 Jun 76

The objective of the project will be to develop a fully articulated curriculum guide for vocational agriculture/agribusiness programs. The material will cover instructional content for grades nine through twelve and will be developed by the project director. The approximate number of programs is eighty-seven with a student enrollment of 6,600. Only the materials which meet the criteria determined by the advisory committee will be used.

SB003781 VTP-2063

Snowmobile Repair and Servicing Audio Visual Development.
Project Director: Helbling, Wayne
Organization: North Dakota State Industrial School, Mandan.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The objective of this project is to develop an audiovisual unit on snowmobile repair and servicing. The curriculum being developed by the Mid-America Vocational Curriculum Consortium will be researched, and the photographs that need to be developed will be identified. All aspects of snowmobile repair that were outlined will be photographed, and the slides will be organized in units so that a script can be developed.

Fiscal Year 1976

SB003782 VTP-2487

A Model Instrument for Developing A Local Annual Plan for Vocational Education.
Project Director: Sorum, Lyle
Organization: Fargo Public Schools, N. Dak.
Funding Period: Start Date 1 Apr 76; End Date 31 Mar 77

The objectives of this project are to design a local vocational education planning instrument and planning process checklist and a procedure to follow for evaluating vocational education. The procedures will be to identify the problem and assess needs; define and analyze the need for planning; identify alternative elements in the design; and implement, evaluate, and revise the model.

SB003783 VTP-2382

Sex Role Perceptions of North Dakota Vocational Educators.
Project Director: Dittman, Jennette
Organization: North Dakota State Univ., Fargo. Coll. of Home Economics.
Funding Period: Start Date 15 Feb 76; End Date 30 June 76

This project is designed to determine the nature of the sex-role perceptions of vocational educators. The descriptive design is the most appropriate and feasible to achieve the objective. The study will examine four specific hypotheses. Subjects for the study will be from a stratified random sample drawn from the population of vocational education administrators, counselors, and teachers.

SB003784

Animal Health Tele-Lecture Series - A Mini Grant.
Project Director: Gilje, Dale
Organization: Beulah Public School District, N. Dak.
Funding Period: Start Date 1 Jan 76; End Date 31 Mar 76

The objectives of this project are to explore the feasibility of using agricultural specialists to serve the local adult education programs without having them travel to each location for every meeting and to explore the possibility of serving up to five schools in a tele-lecture conference at the same time.

SB003785

Audio-Visual Materials for Agri-Business Learning Activity Packages.
Organization: North Dakota State Univ., Bottineau
Descriptive information unavailable.

SB003786 VTP-2275

Mission Possible - A Project to Continue to Provide Work Experience Opportunities for Students.
Project Director: Tehle, Dave
Organization: Fargo Public Schools, N. Dak.
Funding Period: Start Date 1 Dec 75; End Date 30 Jun 76
Contract and/or Control No.: V0032V2

The purpose of this project is to expand the time period for the Fargo Area School Work Experience Research Project (FASWEP). Objectives include (1) developing the Job Information Search, (2) providing extended career site visitations, (3) establishing a system for providing cooperative work experience credit for utilization of FASWEP, and (4) determining attitudes held by cooperative work experience students and students of the alternative work experience program.

SB003787

Feasibility of Restructuring Vocational Programs at Secondary and Post-Secondary Levels.
Organization: Devils Lake Public Schools, N. Dak.
Descriptive information unavailable.

SB003788

Selected Film Bibliography for Graphic Communications Cluster.
Project Director: Gruen, Clemens
Organization: Valley City State Coll., N. Dak.
Funding Period: Start Date 15 Sep 76; End Date 31 Dec 76

The purpose of this project is to develop a bibliography of currently available free or inexpensive films to augment the graphic communications cluster of the newly suggested Master Plan for Industrial Arts in North Dakota. A survey of the major companies and organizations involved in the graphic communications industry will be made. College and state libraries will be visited and searches made of a wide variety of data bases.

Fiscal Year 1977

SB003789 VTP-2722

North Dakota State Manpower Needs Survey - A Consortium Approach.

Project Director: Smith, Joseph
Organization: North Dakota State Employment Security Bureau, Bismarck.
Funding Period: Start Date 1 Sep 76; End Date 30 Jun 78

A statewide employment survey will be conducted by a consortium of North Dakota state agencies to provide current employment data by occupations for vocational education planning. The consortium will use the standard program package developed by the Bureau of Labor Statistics to survey selected industries including mining, transportation, communication, public utilities, wholesale and retail trade, finance, insurance and real estate, state government, and federal government.

SB003790

Assessment of North Dakota Vocational Center Programs.
Project Director: Smiley, Larry
Organization: North Dakota Univ., Grand Forks.
Funding Period: Start Date 20 Apr 77; End Date 30 Jun 77

The purpose of this project is to assess the area vocational centers in North Dakota at Wahpeton, Cooperstown, Devils Lake, Grafton, Oakes, and Valley City. Feeder schools that make up the student population of these centers will be included in the target population for evaluation of segments of the study. Instrumentation will be developed to guide the interviews at each of the six vocational center sites.

Part D

Fiscal Year 1970

SB003791

A Statewide Program in Development Vocational Guidance (K-12) and Occupational Preparation for the Changing World of Work.
Organization: North Dakota State Board of Vocational Education, Bismarck.
Descriptive information unavailable.

SB003792

A Project for the Development of a Model Curriculum in Vocational Education for Off-Farm Agricultural Occupations in North Dakota.
Organization: Fargo Public Schools, N. Dak.
Descriptive information unavailable.

SB003793

A Proposal to Develop Teaching Units for Office Education Simulated Programs for Use in the State of North Dakota.
Organization: North Dakota Univ., Grand Forks.
Descriptive information unavailable.

SB003794

A Proposal for the Development of a Coordinator's Training Manual for the Selection and Placement of Students in Office Education Work Experience Programs in North Dakota.
Organization: Minot State Coll., N. Dak.
Descriptive information unavailable.

SB003795

Planning Grant-Development of Vocational Curriculums Through Increased Usage of Learning Resource Center.
Organization: Lake Region Junior Coll., N. Dak.
Descriptive information unavailable.

SB003796

A Summer Institute in Career Development.
Organization: North Dakota State Board of Vocational Education, Bismarck.
Descriptive information unavailable.

SB003797

Career Awareness Program (CAP).
Organization: Williston Public Schools, N. Dak.
Descriptive information unavailable.

Fiscal Year 1971

SB003798

A Project for the Development of a Model Curriculum in Vocational Education for Off-Farm Agricultural Occupations in North Dakota.
Organization: Fargo Public Schools, N. Dak.
Descriptive information unavailable.

SB003799

A Proposal to Develop Teaching Units for Office Education Simulated Programs for Use in the State of North Dakota.
Organization: North Dakota Univ., Grand Forks.
Descriptive information unavailable.

SB003800

STOP - Southern Trajectory Occupational Project.
Organization: South Dakota Univ., Vermillion.
Descriptive information unavailable.

SB003801

A Proposal for the Development of a Coordinator's Training Manual for the Selection and Placement of Students in Office Education Work Experience Programs in North Dakota.
Organization: Minot State Coll., N. Dak.
Descriptive information unavailable.

SB003802

Planning Grant-Development of Vocational Curriculums Through Increased Usage of Learning Resource Center.
Organization: Lake Region Junior Coll., N. Dak.
Descriptive information unavailable.

SB003803

A Summer Institute in Career Development.
Organization: North Dakota State Board of Vocational Education, Bismarck.
Descriptive information unavailable.

SB003804

Career Awareness Program (CAP).
Organization: Williston Public Schools, N. Dak.
Descriptive information unavailable.

SB003805

An Exemplary Proposal for Program Development in Distributive Education.
Organization: Fargo Public Schools, N. Dak.
Descriptive information unavailable.

Fiscal Year 1972

SB003806

A Project for the Development of a Model Curriculum in Vocational Education for Off-Farm Agricultural Occupations in North Dakota.
Organization: Fargo Public Schools, N. Dak.
Descriptive information unavailable.

SB003807

A Proposal to Develop Teaching Units for Office Education Simulated Programs for Use in the State of North Dakota.
Organization: North Dakota Univ., Grand Forks.
Descriptive information unavailable.

SB003808

STOP – Southern Trajectory Occupational Project.
Organization: South Dakota Univ., Vermillion.
Descriptive information unavailable.

SB003809

A Proposal for the Development of a Coordinator's Training Manual for the Selection and Placement of Students in Office Education Work Experience Programs in North Dakota.
Organization: Minot State Coll., N. Dak.
Descriptive information unavailable.

SB003810

Planning Grant–Development of Vocational Curriculums Through Increased Usage of Learning Resource Center.
Organization: Lake Region Junior Coll., N. Dak.
Descriptive information unavailable.

SB003811

A Summer Institute in Career Development.
Organization: North Dakota State Board of Vocational Education, Bismarck.
Descriptive information unavailable.

SB003812

Career Awareness Program (CAP).
Organization: Williston Public Schools, N. Dak.
Descriptive information unavailable.

SB003813

An Exemplary Proposal for Program Development in Distributive Education.
Organization: Fargo Public Schools, N. Dak.
Descriptive information unavailable.

SB003814

Exemplary Program in Career Education - Grade 10.
Organization: Dickinson Public School District 1, N. Dak.
Descriptive information unavailable.

SB003815

Exemplary Program in Implementing Career Education Grades 7-12.
Organization: West Fargo Public School District 6, N. Dak.
Descriptive information unavailable.

Fiscal Year 1973

SB003816

Exemplary Program in Career Education Grade 10.
Organization: Dickinson Public Schools, N. Dak.
Descriptive information unavailable.

SB003817

Development of Vocational Curriculum Through Increased Usage of Learning Resource Center.
Organization: Lake Region Junior Coll., N. Dak.
Descriptive information unavailable.

SB003818

A Project for the Development of a Model Curriculum in Vocational Education for Off-Farm Agricultural Occupations for North Dakota.
Organization: North Dakota State Univ., Fargo.
Descriptive information unavailable.

SB003819

An Exemplary Program in Curriculum Development in Distributive Education.
Organization: Fargo Public Schools, N. Dak.
Descriptive information unavailable.

SB003820

A Proposal for the Development of a Coordinator's Training Manual for the Selection and Placement of Students in Office Education Work Experience Programs in North Dakota.
Organization: Minot State Coll., N. Dak.
Descriptive information unavailable.

SB003821

A Proposal to Develop Teaching Units for Office Education Simulated Programs for Use in the State of North Dakota.
Organization: North Dakota Univ., Grand Forks.
Descriptive information unavailable.

SB003822

Career Awareness Program (CAP).
Organization: Williston Public Schools, N. Dak.
Descriptive information unavailable.

SB003823

Exemplary Program in Implementing Career Education Grades 7-12.
Organization: West Fargo Public Schools, N. Dak.
Descriptive information unavailable.

SB003824

Diversified Occupational Programs for Area Schools.
Organization: Dickinson Public Schools, N. Dak.
Descriptive information unavailable.

SB003825

Summer Exploratory Program for the Mentally Retarded.
Organization: North Dakota State School of Science, Wahpeton.
Descriptive information unavailable.

Fiscal Year 1974

SB003826

Career Education.
Organization: Napoleon Public School District 2, N. Dak.
Descriptive information unavailable.

SB003827

Career Education - the Exploratory Method.
Organization: Mandan Public School District, N. Dak.
Descriptive information unavailable.

SB003828

Career Awareness.
Organization: Hillsboro Public School District 9, N. Dak.
Descriptive information unavailable.

SB003829

Career Education Implementation and Staff Orientation.
Organization: Larimore Public School District 44, N. Dak.
Descriptive information unavailable.

SB003830

Career Education at Gackle Public School.
Organization: Gackle Public Schools, N. Dak.
Descriptive information unavailable.

SB003831

PEPCE: Pettibone's Exemplary Project in Career Education.
Organization: Pettibone Public Schools, N. Dak.
Descriptive information unavailable.

SB003832

Minnesota - Dakota Vocational Career Center.
Organization: Wahpeton School District, N. Dak.
Descriptive information unavailable.

SB003833

Student Identification and Determination of Factors that Influence Sound Career Selection and Achievement Decisions.
Organization: Fargo Public Schools, N. Dak.
Descriptive information unavailable.

SB003834

Scranton School 'In and Out' Project Careers.
Organization: Scranton School District 33, N. Dak.
Descriptive information unavailable.

SB003835

Community Career Education
Organization: Jamestown Public School District 1, N. Dak.
Descriptive information unavailable.

SB003836

Career Education in the Velva Public School.
Organization: Velva Public School District 1, N. Dak.
Descriptive information unavailable.

SB003837

Career Education in Grades 7- in Grafton Public School.
Organization: Grafton Public School District 3, N. Dak.
Descriptive information unavailable.

SB003838

Career Development Program for Grades 7 and 8.
Organization: Hettinger Public Schools, N. Dak.
Descriptive information unavailable.

SB003839

Vocational Exploration Program for the Ray Public Schools.
Organization: Ray Public Schools, N. Dak.
Descriptive information unavailable.

SB003840

Students Don't Know What They Know.
Organization: Bottineau Public School District 1, N. Dak.
Descriptive information unavailable.

SB003841

Orientation to Career Education and Career Development.
Organization: Ashley School District 9, N. Dak.
Descriptive information unavailable.

SB003842

Career and Personal Development in Education.
Organization: Harvey Public School District 38, N. Dak.
Descriptive information unavailable.

SB003843

Career Development in the Small Schools.
Organization: Reeder Public Schools, N. Dak.
Descriptive information unavailable.

SB003844

Career Education at an Early Age for Sound Career Decisions at a Later Age.
Organization: Langdon School District 23, N. Dak.
Descriptive information unavailable.

SB003845

Career Education Implementation Program.
Organization: Mount Pleasant School District 4, N. Dak.
Descriptive information unavailable.

SB003846

Career Education Activities Mini-Grants.
Organization: Fargo Public Schools, N. Dak.
Descriptive information unavailable.

SB003847

Implementing a Program in Career Education.
Organization: Valley City Public Schools, N. Dak.
Descriptive information unavailable.

SB003848

Exposure to Work World and Development of Work Ethic.
Organization: Hatton Public School District 7, N. Dak.
Descriptive information unavailable.

SB003849

Mini-Course Model in Career Education.
Organization: Grand Forks Public School District 1, N. Dak.
Descriptive information unavailable.

SB003850

World of Work (WOW).
Organization: Grand Forks Public School District 1, N. Dak.
Descriptive information unavailable.

SB003851

Career Involvement Program.
Organization: Grand Forks Public School District 1, N. Dak.
Descriptive information unavailable.

SB003852

Lisbon Career Student Program.
Organization: Lisbon Public Schools, N. Dak.
Descriptive information unavailable.

SB003853

Comprehensive Career Education for the Park River School System.
Organization: Park River School District, N. Dak.
Descriptive information unavailable.

SB003854

Career Exploration Program for the Handicapped.
Organization: North Dakota State School of Science, Wahpeton.
Descriptive information unavailable.

SB003855

Career Education Program 7-12.
Organization: West Fargo Public School District 1, N. Dak.
Descriptive information unavailable.

SB003856

Summer Vocational Education Program.
Organization: Dickinson Area Vocational School, N. Dak.
Descriptive information unavailable.

SB003857

Career Awareness--A Demonstration Project.
Organization: Dickinson Public High School, N. Dak.
Descriptive information unavailable.

Fiscal Year 1975

SB003858 VTP-2056

Mobile Welding Laboratory.
Project Director: Patterson, G. V.
Organization: North Dakota State School of Science, Wahpeton.
Funding Period: Start Date 23 Apr 75; End Date 30 May 75

The purpose of the mobile welding laboratory is to provide onsite inservice upgrading or retraining welding instruction for adults employed as welders and for adults who are underemployed, unemployed, and minorities. The mobile lab will provide short term inservice training and specialized training to meet specific industry needs.

SB003859

Combined Mini-Grant Projects FY 1975.
Organization: North Dakota State Board for Vocational Education, Bismarck.
Descriptive information unavailable.

SB003860

Student Council Project.
Organization: Fargo Public Schools, N. Dak.
Descriptive information unavailable.

Fiscal Year 1976

SB003861 VTP-2602

Occupational Home Economics for Students with Special Needs.
Project Director: Butts, Richard
Organization: Magic City Campus, Minot, N. Dak.
Funding Period: Start Date 1 Aug 76; End Date 30 Jun 77

This project will develop a curriculum for teaching secondary special needs students the basic skills of housekeeping and food service to facilitate their entry to the world of work. Materials applicable to the proposed program will be searched and reviewed, and a behavioral performance check list will be developed as a means of measuring skills achieved. A random sample of ten to twelve special needs students will be subjects for curriculum testing.

SB003862 VTP-2603

A Proposal to Determine the Needs of Non-Hearing Individuals in Regular Vocational Courses.
Project Director: Hunt, Jim
Organization: Lake Area Vocational Center, Devils Lake, N. Dak.
Funding Period: Start Date 30 Aug 76; End Date 30 May 77

This project will provide tutorial and special class instruction to approximately fifteen deaf students enrolled in vocational programs. Tutor-interpreters will assist the nonhearing students in their vocational courses, and a special class will be offered early in training to help alleviate student concern. This approach will provide regular classes and individualized instruction within the classes.

SB003863 VTP-2601

The Development of a Small Business Management Program for North Dakota Post Secondary Schools.
Project Director: Stevick, Arlo
Organization: Lake Region Junior Coll., Devils Lake, N. Dak.
Funding Period: Start Date 1 Sep 76; End Date 30 Jun 78

This project proposes to establish a small business management education program which will provide instruction and onsite consultation to owners and prospective owners of small businesses. The objectives are to provide instruction that relates to small business operations and develop a manual and a three-year model for use by postsecondary institutions.

SB003864 VTP-2380

Adaptation of Home Economics Carricula for Special Needs Students.
Project Director: Crawford, Glinda
Organization: North Dakota Univ., Grand Forks. Dept. of Home Economics and Nutrition.
Funding Period: Start Date 1 Dec 75; End Date 30 Jun 76

The purpose of this project is to conduct a seminar to aid teachers in more effectively integrating handicapped students into the regular classroom. Specific objectives for vocational home economics teachers are to become more sensitive to the needs of handicapped persons, draw implications for teaching home economics for handicapped, and become aware of adaptations in facilities and equipment.

SB003865 VTP-2276

Sheyenne Valley In-Service Project for Vocational Instructors of Special Needs Students.
Project Director: Wasson, Dave
Organization: Sheyenne Valley Vocational Center, Cooperstown, N. Dak.
Funding Period: Start Date 1 Dec 75; End Date 31 May 76

The purpose of this project is to develop an inservice program for the instructional staff of the Sheyenne Valley Multidistrict Vocational Center. This inservice program will provide an avenue for awareness and making staff members more sensitive to the help they can give the special needs students. The center will direct workshops using consultants with expertise in the area of special neeeds.

SB003866 VTP-2381

Follow the Yellow Brick Road/Information Unlimited.
Project Director: Page, Charles
Organization: Medical Center Rehabilitation Hospital, Grand Forks, N. Dak.
Funding Period: Start Date 1 Mar 76; 30 Jun 76

The purposes of this project are to publicize the Resource Center (RC); solicit, research, and respond to specific requests for information from the RC collection; expand and upgrade the quality and quantity of the RC collection; explore the feasibility of developing more extensive projects; and demonstrate the value of services provided through evaluation of techniques. Any and all materials will be researched within the RC and made available on short term basis if requested.

SB003867 VTP-2488

Power Plant Technology.
Project Director: Haakenson, Harvey
Organization: Bismarck Junior Coll., N. Dak.
Funding Period: Start Date 1 May 76; End Date 30 Apr 77

The goal of this project is to develop the necessary program and materials for a power plant training program at the postsecondary level. Objectives will include development of overall curriculum, development of software and purchasing of equipment, and initiation of the program with eight students. The program will be divided into four major units, and all students will be exposed to an orientation program before actual training.

SB003868 **VTP-2521**

Personal, Home and Family Education Program.
Project Director: Cheney, Charles
Organization: West Fargo Public School District 6, N. Dak.
Funding Period: Start Date 1 Jul 76; End Date 1 Jul 77

This project will develop and implement a basic preparatory program in personal, home, and family education that is exploratory in nature and that helps students examine their attitudes and values and builds self-confidence and responsibility. The project will develop learning experiences, appropriate for students in grades 6-8, related to home economics. An initial curriculum workshop will be held, followed by a testing of the curriculum.

SB003869 **VTP-2520**

Competency Based Curriculum Activities and Workshop for Distributive Education.
Project Director: Strate, James
Organization: North Dakota Univ., Grand Forks. Dept. of Vocational and Business Education.
Funding Period: Start Date 1 Jul 76; End Date 31 Mar 77

Project objectives are to train distributive education personnel in writing competency-based activities to be used in their curriculum and youth activities; write competency-based competitive events in instructional areas; and evaluate and follow-up on materials developed. Ten current coordinators will be selected to participate in the workshop.

SB003870 **VTP-2522**

A Proposal to Develop Instructional Materials for Industrial Arts Education Programs in North Dakota Schools.
Project Director: Bender, Myron
Organization: North Dakota Univ., Grand Forks.
Funding Period: Start Date 1 May 76; End Date 30 Sep 76

The major objective of the proposed Phase II project is to develop instructional materials for each of the five areas identified in the Master Plan curriculum framework for industrial arts. The philosophy for conducting instructional programs will be determined, and the objectives for conducting learning activities will be established. The structure of the body of knowledge will be identified, and selected teaching-learning units will be developed.

SB003871

Work Experience and Career Exploration Program.
Organization: Fargo Public Schools, N. Dak.

Descriptive information unavailable.

SB003872 **VTP-2062**

Business-Industry Visitation Program for Selected High School Teachers.
Project Director: Glock, Robert
Organization: Fargo Public Schools, N. Dak.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

The purpose of this project is to provide a selected number of high school teachers not in vocational education the opportunity to gain an insight into the knowledges and skills needed in business, industry, and the professions. The information will relate to curriculum content and development. Teachers will submit a program of proposed visitation sites.

SB003873 **VTP-2209**

A Proposal to Determine the Needs of Non-Hearing Individuals in Regular Vocational Courses.
Project Director: Hunt, Jim
Organization: Lake Area Vocational Center, Devils Lake, N. Dak.
Funding Period: Start Date 1 Aug 75; End Date 31 May 76

The purpose of this project is to enhance the achievement of deaf students in vocational programs. Project concentration will be to provide inservice training to the vocational staff, provide tutor-interpreters for deaf students, and provide special class settings for students with adjustment problems. Class settings will be established to provide the twenty-seven students with maximum opportunities.

SB003874

Tape/Slide Presentation Vocational Career Areas.
Project Director: Hauck, Rich
Organization: North Dakota State School of Science, Wahpeton.
Funding Period: Start Date 1 Jul 76; End Date 31 May 77

The purpose of this project is to develop a slide/tape presentation which will be used as career development information for college and high school students throughout the state. The objectives of the seminar are to make information on the trades and technical career areas on the local level more available for high school students and evaluate the use of the materials.

SB003875 **VTP-2025**

A Model Distributive Education Competency Based Learning Laboratory.
Project Director: Strate, James
Organization: North Dakota Univ., Grand Forks.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The purpose of this project is to develop a distributive education (DE) model store to determine and develop specific competencies in undergraduate and graduate DE majors. The desired competencies will be identified and utilized. Proper materials and equipment will be obtained to develop these competencies, and workshops will be offered to expose current coordinators to the identified tasks.

Fiscal Year 1977

SB003876 **VTP-2858**

North Dakota Post-Secondary Distributive Education Core Curriculum Identification and Experimentation.
Project Director: Strate, Jim
Organization: North Dakota Univ., Grand Forks.
Funding Period: Start Date 1 Jul 77; End Date 1 Jun 78

Junior colleges and postsecondary programs offering distributive education curricula will be invited to a workshop, the purpose of which is to determine a core curriculum for postsecondary marketing programs in North Dakota. Objectives are to allow utilization and interchange of resource materials, allow better articulation and consistency of secondary and postsecondary program offerings, and allow for a more relevant and current curriculum.

SB003877 **VTP-2859**

Research and Develop an Industrial Arts Curriculum Guide for North Dakota Secondary Schools Along the Cluster Technologies Approach.
Project Director: Bender, Myron
Organization: North Dakota Univ., Grand Forks.
Funding Period: Start Date 1 Feb 77; End Date 1 Sep 77

The purpose of the project is to provide a curriculum guide for industrial arts education in North Dakota. The objectives include reviewing, analyzing, and synthesizing evaluation reports from eight pilot projects in secondary schools that are field testing materials prepared in the project, "Development of Instructional Materials for Industrial Arts Education in North Dakota"; developing a final format for the curriculum guide; and preparing and disseminating the guide.

SB003878 **VTP-2857**

Competency Based Curriculum Writer's Workshop.
Project Director: Strate, Jim
Organization: North Dakota Univ., Grand Forks.
Funding Period: Start Date 1 Jul 77; End Date 1 Jun 78

The purpose of the project is to develop, with coordinators, the ability to write competency-based curriculum. Procedures will include (1) developing learning activities for curricula, (2) identifying specific competencies needed for employment, (3) learning to use the competency-based curriculum materials to facilitate open entry/open exit classroom activities, and (4) sending developed materials to National Distributive Education Clubs of America.

SB003879 VTP-2779

The Southwest Multi-District Vocational Mobile Program.
Project Director: Fredericks, Darryl
Organization: Elgin Public Schools, N. Dak.
Funding Period: Start Date 1 Dec 76; End Date 1 Jul 77

The purpose of this project is to develop a transportable secondary vocational education system for six school districts in southwestern North Dakota. The system will contain the necessary classroom facilities, specialized equipment, curriculum guides, and audiovisual materials and will include operational staff training for instructors of prevocational programs. The program seeks to assist students in preparing for occupations and exploring prevocational technical training.

SB003880 VTP-2603

A Proposal to Determine the Needs of Non-Hearing Individuals in Regular Vocational Courses.
Project Director: Hunt, Jim
Organization: Lake Area Vocational Center, Devils Lake, N. Dak.
Funding Period: Start Date 30 Aug 76; End Date 30 May 77

This project will provide tutorial and special class instruction to approximately fifteen deaf students enrolled in vocational programs. Tutor-interpreters will assist the nonhearing students in their vocational courses, and a special class will be offered early in training to help alleviate student concern. This approach will provide regular classes and individualized instruction within the classes.

SB003881 VTP-2488

Power Plant Technology.
Project Director: Haakenson, Harvey
Organization: Bismarck Junior Coll., N. Dak.
Funding Period: Start Date 1 May 76; End Date 30 Apr 77

The goal of this project is to develop the necessary program and materials for a power plant training program at the postsecondary level. Objectives will include (1) developing overall curriculum and daily lesson plans, (2) purchasing necessary laboratory equipment and developing necessary software, (3) initiating the program with eight students and adding eight more students every three months for a total of thirty-two, and (4) revising all materials after testing.

SB003882 VTP-2521

Personal, Home and Family Education Program.
Project Director: Cheney, Charles
Organization: West Fargo Public School District, N. Dak.
Funding Period: Start Date 1 Jul 76; End Date 1 Jul 77

The goal of this project is to plan and implement an exploratory program in personal, home, and family education that helps students examine their attitudes and values and builds self-confidence and responsibility. The project will develop learning experiences, appropriate for boys and girls in grades 6-8, related to home economics and will coordinate this program with existing and developing secondary programs in West Fargo.

SB003883

Tape/Slide Presentation Vocational Career Areas.
Project Director: Hauck, Rich
Organization: North Dakota State School of Science, Wahpeton.
Funding Period: Start Date 1 Jul 76; End Date 31 May 77

This project will conduct a seminar to develop a slide/tape presentation of seven career areas which will be used as career development information for college and high school students. Objectives will include making information on trades and technical career areas on the local level more available, determining use and effectiveness of these materials, and evaluating use of the materials after one year.

SB003884 VTP-2602

Occupational Home Economics for Students with Special Needs.
Project Director: Butts, Richard
Organization: Magic City Campus, Minot, N. Dak.
Funding Period: Start Date 1 Aug 76; End Date 30 Jun 77

This project will develop a curriculum for teaching secondary special needs students the basic skills of housekeeping and food service to facilitate their entry to the world of work. Materials applicable to the proposed program will be searched and reviewed, and a behavioral performance check list will be developed as a means of measuring skills achieved. A random sample of ten to twelve special needs students will be subjects for curriculum testing.

SB003885 VTP-2601

The Development of a Small Business Management program for North Dakota Post Secondary Schools.
Project Director: Stevick, Arlo
Organization: Lake Region Junior Coll., Devils Lake, N. Dak.
Funding Period: Start Date 1 Sep 76; End Date 30 Jun 78

This project proposes to establish a small business management education program which will provide instruction and onsite consultation to owners and prospective owners of small businesses. The objectives are to provide instruction that relates to small business operations and develop a manual and three-year model for use by postsecondary institutions.

OHIO

Part C

Fiscal Year 1971

SB003886

Career Orientation.
Organization: Akron Public Schools, Ohio.
Funding Period: Start Date 1 Jan 70; End Date 31 Dec 71

The objectives of this project are to establish a junior high career orientation program and develop a realistic program which will bridge the gap between the aims of youth and the demands of society through problem solving methods. Inservice workshops for teacher education and curriculum development will be provided. Work experiences will be provided for the students; and occupational information will be made available to teachers, parents, and students.

SB003887

Career Exploration Program.
Organization: Akron Public Schools, Ohio.
Funding Period: Start Date 1 Aug 70; End Date 31 Jul 71

The purpose of this project is to improve junior high students' knowledge of a broad array of occupational areas and provide opportunities for exploratory experiences. The initial stage of the program involves a planning and organizational session prior to the implementation of the project. An inservice training for ninth-grade teachers will be provided.

SB003888 **VTP-300**

Project 71.
Project Director: Kaserman, James
Organization: New Philadelphia Board of Education, Ohio.
Funding Period: Start Date 22 Jun 71; End Date 12 Aug 71

Two groups of approximately sixty freshman and sophomore students will participate in this study, aims of which include developing awareness of local job opportunities and causing students to choose vocational opportunities appropriate for them. Participants will receive evaluative interviews and questionnaires about their occupational orientation before and after the eight-week program. In other procedures, students and instructors will participate in eight industrial visitations.

SB003889 **VTP-292**

Developing the Necessary Reading Skills of Vocational Youth.
Project Director: Lifer, Jeanne
Organization: Wayne County Joint Vocational School District, Smithville, Ohio.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

Objectives of this project include (1) developing basic reading skills that will help students in vocational areas, (2) developing comprehensive skills related to specific vocational areas, (3) improving spelling skills, (4) developing interest in reading all kinds of literature, and (5) assisting students in developing realistic self-concepts. Procedures include identifying juniors who need remedial help and providing a reading center for all interested students with instruction on speed reading and comprehension.

SB003890 **VTP-293**

Creating Vocational Teaching Methods Based on Student Motivational Forces.
Project Director: Halley, Franklin D.
Organization: EHOVE Joint Vocational School, Milan, Ohio.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to create, test, evaluate, and disseminate practical teaching methods designed to improve student motivation at the preparation stage of an instructional unit. Staff will identify experiences that interest vocational education students. The project will produce a package of teaching methods, in both written and audiotape and slide form, that can be transferred to other vocational schools for adoption or modification.

SB003891 **VTP-454**

Development and Dissemination of Courses of Study and Instructional Materials for Environmental Science and Protection Programs.
Project Director: Ridenour, Harlan E.
Organization: Ohio State Univ., Columbus.
Funding Period: Start Date 1 Jan 71; End Date 30 Jun 72

This research and curriculum development project seeks to (1) delimit the area of environmental science and protection in vocational education; (2) identify present and emerging environmental protection occupations; (3) identify personnel in these occupations and determine their backgrounds; (4) determine the competencies required for entry into each occupation; (5) determine the performance characteristics of the workers; and (6) develop curriculum, courses of study, and instructional materials for grades 11-12.

SB003892 **VTP-457**

A Research Study in the Development of Effective Means of Altering the Attitudes of Elementary School Teachers Towards Vocational Education.
Project Director: Georgiady, Nicholas P.
Organization: Miami Univ., Oxford, Ohio.
Funding Period: Start Date 1 Apr 71; End Date 30 Jun 72

This project will seek to explore the causes of negative teacher attitudes toward vocational education and assist teachers in forming less biased attitudes. A pretest and posttest procedure will be used to identify changes in teachers' attitudes as a result of their workshop experiences. Teachers will analyze their attitudes and the nature of the problem. Programs and materials concerning vocations will be developed for use in their classes.

SB003893 **VTP-576**

Community Vocational Resources Workshop.
Project Director: Cropenbaker, R. W.
Organization: Fairfield Local School District, Ohio.
Funding Period: Start Date 25 Jun 71; End Date 23 Jul 71

The objectives of this project are to identify, evaluate, and clarify resources which may be used to enrich the students' vocational experiences; become aware of opportunities and the preparations needed for them; and plan and develop a method for using workshop experiences to improve vocational orientation for all students. The program is designed to be planned and carried out by the workshop participants.

SB003894 **VTP-456**

Evaluative Planning Research Project in Vocational Education for Ohio Division of Correction Institutions.
Project Director: Fortkamp, Frank E.
Organization: Ohio State Dept. of Mental Hygiene and Correction, Columbus.

Funding Period: Start Date 1 Nov 71; End Date 31 Oct 72

This project aims to research the needs and potential of existing Division of Correction vocational education programs, develop or restructure programs to meet the special vocational needs of socio-economically or academically disadvantaged youths with handicaps that prevent them from succeeding in the regular vocational education programs, and disseminate the resulting information. Ten vocational educators will investigate the institutions in Columbus, Lucasville, Chillicothe, London, Marion, Mansfield, and Lebanon.

SB003895 **VTP-455**

Participation in Continuing Vocational Education Programs by Young Adults.
Project Director: Looby, Lawrence
Organization: Youngstown State Univ., Ohio.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project will determine the relationship between participation in continuing and technical education programs and certain other personal characteristics of young adults who will not be entering colleges and universities after high school. It also seeks to assist those responsible for vocational and technical education in counseling and in development of continuing education programs. Staff will conduct two interviews to elicit the information.

SB003896 **VTP-151**

The Impact of a Career Orientation Program upon Junior High School Students in Cincinnati, Ohio.
Project Director: Priore, R. J.
Organization: Cincinnati Univ., Ohio. Inst. for Metropolitan Studies.
Funding Period: Start Date 1 Apr 71; End Date 1 Jun 72

The purpose of the project is to determine the extent to which the occupational career orientation program is achieving its major objectives. The design of the study is basically an input-process-outcome evaluation plan. Two principal groups will be investigated: teachers and students. The questionnaires will consist of open end, Likert scales, and poll-type questions.

SB003897 **VTP-297**

A Proposal for the Evaluation of Career Exploration Programs.
Project Director: Cochran, John
Organization: Akron Univ., Ohio.
Funding Period: Start Date 1 Aug 70; End Date 31 Jul 71

This evaluation project seeks to ensure that exploration programs will help students develop appropriate career interest patterns and educational and vocational goals and plans, based upon knowledge of self and the world of work; help students develop positive self-images; and be considered worthwhile by parents. Students in grades 9-10 of selected schools will be pretested and posttested with the Ohio Vocational Interest Survey, Tennessee Self-Concept Scale, and Career Plans Survey.

SB003898 **VTP-304**

Evaluation and Validation Instruments to Facilitate Program Review for Improvement Development and Expansion of Vocational Education.
Project Director: Reese, Robert M.
Organization: Ohio State Univ., Columbus.
Funding Period: Start Date 1 Apr 71; End Date 30 Sep 71

The objectives of this project are to evaluate the program review instruments according to the experience of those who used them; identify content elements which should be retained, revised, and replaced in the instruments; and produce the instruments and procedure manuals to accompany them.

SB003899 **VTP-298**

The Role of Vocational Education in Improving Skills and Earnings Capacity in the State of Ohio: A Cost-Benefit Study.
Project Director: Gallaway, Lowell
Organization: Ohio Univ., Athens.
Funding Period: Start Date 1 Jun 71; End Date 31 Dec 71

The objectives of this project are to examine and evaluate the private and social costs and returns accruing from investment in vocational education in Ohio. Using cost-benefit analysis, calculations will be derived from comparisons with the earnings experience of the trainees themselves prior to their acquisition of skills.

SB003900 **VTP-384**

The Preparation of Personnel to Teach Technology and Attitudes Toward the World of Work to Disadvantaged Elementary Children.
Project Director: Ulrich, Dennis L.
Organization: Bowling Green State Univ., Ohio.
Funding Period: Start Date 26 Jul 71; End Date 27 Aug 71

This project will conduct an institute to present a demonstration model for preparing elementary teachers who work with disadvantaged children to organize administer, and evaluate meaningful activities in technology. The primary objectives of the institute are for prospective teachers to develop an understanding about the world of work and develop skills in preparing, presenting and evaluating educational activities.

SB003901 **VTP-159**

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Cox, C. W.
Organization: Barberton City School District, Ohio.
Funding Period: Start Date 19 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003902 **VTP-263**

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Wilson, Harold E.
Organization: Cuyahoga Falls City School District, Ohio.
Funding Period: Start Date 5 Apr 71; End Date 31 Jul 71

The purpose of this project is to demonstrate the feasibility of a cost-gathering and sharing system between local schools. The objectives are to determine instructional program costs which will provide educational decision makers with a cost data base for vocational education and share the data with the State Department of Education. A summary of costs will be developed.

SB003903 **VTP-794**

Career Education Program.
Project Director: Scherer, R. Thomas
Organization: Toledo City Board of Education, Ohio.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project will reorganize the curriculum of grades K-12 around a career development theme, making subjects more relevant to future goals. Through continuing career education, students develop an intelligent approach to career options that lead to employment or future education at graduation. A multimedia approach will provide students with the guidance, counseling, and practical experiences which they need.

SB003904

Career Education Program K-10.
Organization: Parma City School District, Ohio.

This project will reorganize the curriculum of grades K-10 around a career development theme, making subjects more relevant to future goals. Through continuing career education, students develop an intelligent approach to career options that lead to employment or future education at graduation. A multimedia approach will provide students with the guidance, counseling, and practical experiences which they need.

SB003905 **VTP-783**

Career Education Program (K-10).
Project Director: Frasier, James E.
Organization: Dayton City School District, Ohio.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of the K-10 career education program will be to establish a meaningful, comprehensive program that will focus on increasing student self-awareness, career awareness, and favorable attitudes toward work and providing career exploration activities. Inservice meetings will be organized, and the curriculum guidelines will be developed and implemented.

SB003906 VTP-782

Demonstration Project in Career and Vocational Education Grades K-12.
Project Director: Owen, John H.
Organization: Cincinnati City School District, Ohio.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to modify the programs so that students in grades K-6 will gain a knowledge about work and an experience-based appraisal of themselves, seventh and eighth graders will be oriented to major job fields and have try-out experiences, and ninth and tenth graders will be scheduled into a minimum of eight try-out experiences in self-selected vocational laboratories. Inservice education will be provided for the staff.

SB003907 VTP-781

A Comprehensive Career Development Program K-10.
Project Director: Dull, Lloyd W.
Organization: Akron Board of Education, Ohio.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purposes of this study are to effect a developing level of student awareness and understanding of self, interests, and aptitudes; effect positive attitudes toward educational preparation and work; and effect a developing level of occupational awareness, exploration, and beginning specialization. Existing career education programs will be examined for placement in target schools.

SB003908 VTP-325

Career Orientation Program.
Organization: Cincinnati Public Schools, Ohio.
Funding Period: Start Date 1 Jan 70; End Date 31 Dec 72

The purpose of this project is to provide career-orientation instruction to all pupils enrolled in industrial arts and home economics classes in grades 7 and 8. A core staff will be identified to form the career orientation committee. Behavioral objectives, lectures, and demonstrations will be developed. A workshop should be planned to orient teachers to the program.

SB003909 VTP-256

Career Orientation Program Proposal for All Seventh and Eighth Grade Students.
Organization: Dayton City Schools, Ohio.
Funding Period: Start Date 1 Sep 70; End Date 30 Jun 71

The original career orientation program proposal provides the basis for this project. Most or possibly all of the student centered activities will be functioning in the larger industrial area of the school. An industrial arts teacher will direct workshops, procure materials, demonstrate teaching methods, and prepare evaluation instruments.

SB003910

Career Orientation.
Organization: Meigs Public Schools, Ohio.
Funding Period: Start Date 1 Jan 70; End Date 31 Dec 71

The objectives of this project are to establish a junior high career orientation program and develop a realistic program which will bridge the gap between the aims of youth and the demands of society through problem solving methods. Inservice workshops for teacher education and curriculum development will be provided. Work experiences will be provided for the students; and occupational information will be made available to teachers, parents, and students.

SB003911 VTP-269

Proposal for Continuation of Seventh and Eighth Grade Career Orientation.
Project Director: Fricker, Robert W.
Organization: Parma City School District, Ohio.

The career orientation program provides each seventh and eighth grade student with occupational information and experiences such as field trips, assemblies, class projects, guest lecturers, and other hands-on experiences. Each department will develop its own program to meet project objectives.

SB003912 VTP-259

Career Orientation.
Organization: South-Western City School District, Grove City, Ohio.

It is the intent of the school district to make career orientation an intricate part of the instructional program being offered in the five middle schools. To facilitate the academic program, concepts with direct relationship to the orientation, exploration, and preparation for jobs will be presented to students. After the units have been developed, a fall workshop and staff orientation will be held.

SB003913

Career Orientation.
Organization: Toledo Public Schools, Ohio.
Funding Period: Start Date 1 Jan 70; End Date 31 Dec 71

The objectives of this project are to establish a junior high career orientation program and develop a realistic program which will bridge the gap between the aims of youth and the demands of society through problem solving methods. Inservice workshops for teacher education and curriculum development will be provided. Work experiences will be provided for the students; and occupational information will be made available to teachers, parents, and students.

SB003914 VTP-255

Program for Career Orientation in the Junior High Schools, Grades 7-8.
Organization: Warren City Schools, Ohio.

The objectives of this project are to establish a junior high career orientation program and develop a realistic program which will bridge the gap between the aims of youth and the demands of society through problem solving methods. Inservice workshops for teacher education and curriculum development will be provided. Work experiences will be provided for the students; and occupational information will be made available to teachers, parents, and students.

SB003915

Career Exploration Program.
Organization: Cincinnati Public Schools, Ohio.
Funding Period: Start Date 1 Aug 70; End Date 31 Jul 71

The purpose of this project is to improve junior high students' knowledge of a broad array of occupational areas and provide opportunities for exploratory experiences. The initial stage of the program involves a planning and organizational session prior to the implementation of the project. An inservice training for ninth-grade teachers will be provided.

SB003916 VTP-258

Career Exploration Program.
Organization: Dayton Public Schools, Ohio.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of the career exploration program is to provide all ninth and tenth grade students with an indepth exploration in career clusters of their choosing. All students involved will have exploratory experiences both in and out of school in selected fields of the world of work that will provide first-hand observation or experience relevant to today's society.

SB003917 VTP-326

Career Exploration Program.
Organization: Cleveland Public Schools, Ohio. Div. of Research and Development.
Funding Period: Start Date 1 Aug 70; End Date 31 Jul 71

The purpose of this project is to improve junior high students' knowledge of a broad array of occupational areas and provide opportunities for exploratory experiences. The initial stage of the program involves a planning and organizational session prior to the implementation of the project. An inservice training for ninth-grade teachers will be provided.

SB003918

Career Exploration Program.

Organization: Toledo Public Schools, Ohio.
Funding Period: Start Date 1 Aug 70; End Date 31 Jul 71

The purpose of this project is to improve junior high students' knowledge of a broad array of occupational areas and provide opportunities for exploratory experiences. The initial stage of the program involves a planning and organizational session prior to the implementation of the project. An inservice training for ninth-grade teachers will be provided.

SB003919 **VTP-152**

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Anderson, Warren H.
Organization: Cuyahoga Falls City Schools, Ohio.
Funding Period: Start Date 19 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003920 **VTP-154**

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Synder, Paul C.
Organization: Dayton City Schools, Ohio.
Funding Period: Start Date 19 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003921 **VTP-149**

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Poth, John J.
Organization: Eastwood Local School District, Ohio.
Funding Period: Start Date 19 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003922 **VTP-218**

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Baker, C. Robert
Organization: Findlay City Schools, Ohio.
Funding Period: Start Date 12 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003923 **VTP-217**

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Price, James H.
Organization: Greene Joint Vocational School District, Xenia, Ohio.
Funding Period: Start Date 12 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003924 **VTP-216**

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Guckenheimer, S. N.
Organization: Heath City School District, Ohio.
Funding Period: Start Date 19 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003925 **VTP-215**

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Lamuth, H.
Organization: Lake County Joint Vocational School District, Ohio.
Funding Period: Start Date 19 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003926 **VTP-211**

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Cress, Fernando
Organization: Little Miami Local School District, Morrow, Ohio.
Funding Period: Start Date 12 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003927 **VTP-212**

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Hopper, Raymond
Organization: Mad River Township Local Schools, Dayton, Ohio.
Funding Period: Start Date 12 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003928 **VTP-213**

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Campbell, R. Henry
Organization: Mad River-Green Local School District, Ohio.
Funding Period: Start Date 12 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003929 **VTP-214**

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: McCrory, Lloyd J.
Organization: Massillon City School District, Ohio.
Funding Period: Start Date 12 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision mak-

ing. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003930 VTP-147

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Hemberger, Robert
Organization: Mentor Exempted Village Schools, Ohio.
Funding Period: Start Date 12 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003931 VTP-148

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Briggs, Loren H.
Organization: Newark City School District, Ohio.
Funding Period: Start Date 19 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003932 VTP-153

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Fryfogle, Martha L.
Organization: Noble Local School District, Ohio.
Funding Period: Start Date 19 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003933 VTP-278

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Pond, Robert E.
Organization: Salem City School District, Ohio.
Funding Period: Start Date 19 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003934 VTP-279

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Stahl, Martin
Organization: South-Western City School District, Grove City, Ohio.
Funding Period: Start Date 19 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003935 VTP-260

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Dunnan, B. L.
Organization: Stow City School District, Ohio.
Funding Period: Start Date 12 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003936 VTP-261

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Nightingale, Homer S.
Organization: Washington Local Board of Education, Toledo, Ohio.
Funding Period: Start Date 19 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003937 VTP-262

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Holloway, Arthur S.
Organization: Willoughby-Eastlake School District, Willoughby, Ohio.
Funding Period: Start Date 19 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003938 VTP-155

Pilot Study in Long Range Product Review of Secondary Vocational Education Graduates.
Project Director: Mills, Wayne E.
Organization: Woodmore Local School District, Ohio.
Funding Period: Start Date 19 Apr 71; End Date 30 Jun 71

The purpose of this project is to establish a data base at the local and state levels concerning job experiences of vocational graduates. Current employment status will be determined and hard data about vocational graduates will be provided for management decision making. A follow-up questionnaire will be sent to all 1968 graduates of vocational education programs.

SB003939 VTP-209

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Chamberlain, Herbert D.
Organization: Eastland Joint Vocational School District, Ohio.
Funding Period: Start Date 5 Apr 71; End Date 31 Jul 71

The purpose of this project is to demonstrate the feasibility of a cost-gathering and sharing system between local schools. The objectives are to determine instructional program costs which will provide educational decision makers with a cost data base for vocational education and share the data with the State Department of Education. A summary of costs will be developed.

SB003940 VTP-220

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Poth, John J.
Organization: Eastwood Local School District, Ohio.
Funding Period: Start Date 5 Apr 71; End Date 31 Jul 71

The purpose of this project is to demonstrate the feasibility of a cost-gathering and sharing system between local schools. The objectives are to determine instructional program costs which will provide educational decision makers with a cost data base for vocational education and share the data with the State Department of Education. A summary of costs will be developed.

SB003941 VTP-277

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Ghrist, Creighton
Organization: EHOVE Joint Vocational School, Milan, Ohio.
Funding Period: Start Date 5 Apr 71; End Date 31 Jul 71

The purpose of this project is to demonstrate the feasibility of a cost-gathering and sharing system between local schools. The objectives are to determine instructional program costs which will provide educational decision makers with a cost data base for vocational education and share the data with the State Department of Education. A summary of costs will be developed.

SB003942 VTP-219

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Baker, C. Robert
Organization: Findlay City Schools, Ohio.
Funding Period: Start Date 5 Apr 71; End Date 31 Jul 71

The purpose of this project is to demonstrate the feasibility of a cost-gathering and sharing system between local schools. The objectives are to determine instructional program costs which will provide educational decision makers with a cost data base for vocational education and share the data with the State Department of Education. A summary of costs will be developed.

SB003943 VTP-276

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Durbin, Robert J.
Organization: Four County Joint Vocational School District, Ohio.
Funding Period: Start Date 5 Apr 71; End Date 31 Jul 71

The purpose of this project is to demonstrate the feasibility of a cost-gathering and sharing system between local schools. The objectives are to determine instructional program costs which will provide educational decision makers with a cost data base for vocational education and share the data with the State Department of Education. A summary of costs will be developed.

SB003944 VTP-275

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Terry, DeWitt G.
Organization: Franklin City School District, Ohio.
Funding Period: Start Date 5 Apr 71; End Date 31 Jul 71

The purpose of this project is to demonstrate the feasibility of a cost-gathering and sharing system between local schools. The objectives are to determine instructional program costs which will provide educational decision makers with a cost data base for vocational education and share the data with the State Department of Education. A summary of costs will be developed.

SB003945 VTP-274

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Price, James H.
Organization: Greene Joint Vocational School, Xenia, Ohio.
Funding Period: Start Date 5 Apr 71; End Date 31 Jul 71

The purpose of this project is to demonstrate the feasibility of a cost-gathering and sharing system between local schools. The objectives are to determine instructional program costs which will provide educational decision makers with a cost data base for vocational education and share the data with the State Department of Education. A summary of costs will be developed.

SB003946 VTP-273

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Spadafore, James
Organization: Knox Joint Vocational School District, Ohio.
Funding Period: Start Date 5 Apr 71; End Date 31 Jul 71

The purpose of this project is to demonstrate the feasibility of a cost-gathering and sharing system between local schools. The objectives are to determine instructional program costs which will provide educational decision makers with a cost data base for vocational education and share the data with the State Department of Education. A summary of costs will be developed.

SB003947 VTP-271

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Hopper, Raymond
Organization: Mad River Township Local Schools, Dayton, Ohio.
Funding Period: Start Date 5 Apr 71; End Date 31 Jul 71

The purpose of this project is to demonstrate the feasibility of a cost-gathering and sharing system between local schools. The objectives are to determine instructional program costs which will provide educational decision makers with a cost data base for vocational education and share the data with the State Department of Education. A summary of costs will be developed.

SB003948 VTP-272

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Campbell, R. Henry
Organization: Mad River-Green Local School District, Ohio.
Funding Period: Start Date 5 Apr 71; End Date 31 Jul 71

The purpose of this project is to demonstrate the feasibility of a cost-gathering and sharing system between local schools. The objectives are to determine instructional program costs which will provide educational decision makers with a cost data base for vocational education and share the data with the State Department of Education. A summary of costs will be developed.

SB003949 VTP-162

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Hemberger, Robert
Organization: Mentor Exempted Village Schools, Ohio.
Funding Period: Start Date 5 Apr 71; End Date 31 Jul 71

The purpose of this project is to demonstrate the feasibility of a cost-gathering and sharing system between local schools. The objectives are to determine instructional program costs which will provide educational decision makers with a cost data base for vocational education and share the data with the State Department of Education. A summary of costs will be developed.

SB003950 VTP-270

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Tilton, Treva
Organization: Noble Local School District, Ohio.
Funding Period: Start Date 5 Apr 71; End Date 31 Jul 71

The purpose of this project is to demonstrate the feasibility of a cost-gathering and sharing system between local schools. The objectives are to determine instructional program costs which will provide educational decision makers with a cost data base for vocational education and share the data with the State Department of Education. A summary of costs will be developed.

SB003951 VTP-161

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: See, Jacob H.
Organization: Penta County Joint Vocational School District, Ohio.
Funding Period: Start Date 5 Apr 71; End Date 31 Jul 71

The purpose of this project is to demonstrate the feasibility of a cost-gathering and sharing system between local schools. The objectives are to determine instructional program costs which will provide educational decision makers with a cost data base for vocational education and share the data with the State Department of Education. A summary of costs will be developed.

SB003952 VTP-160

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Stahl, Martin
Organization: South-Western City School District, Grove City, Ohio.
Funding Period: Start Date 5 Apr 71; End Date 31 Jul 71

The purpose of this project is to demonstrate the feasibility of a cost-gathering and sharing system between local schools. The objectives are to determine instructional program costs which will provide educational decision makers with a cost data base for vocational education and share the data with the State Department of Education. A summary of costs will be developed.

SB003953 VTP-158

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Porter, T. C.
Organization: Tri-County Joint Vocational School District, Ohio.
Funding Period: Start Date 5 Apr 71; End Date 31 Jul 71

The purpose of this project is to demonstrate the feasibility of a cost-gathering and sharing system between local schools. The objectives are to determine instructional program costs which will provide educational decision makers with a cost data base for vocational education and share the data with the State Department of Education. A summary of costs will be developed.

SB003954 VTP-150

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Holloway, Arthur S.
Organization: Willoughby-Eastlake School District, Willoughby, Ohio.
Funding Period: Start Date 5 Apr 71; End Date 31 Jul 71

The purpose of this project is to demonstrate the feasibility of a cost-gathering and sharing system between local schools. The objectives are to determine instructional program costs which will provide educational decision makers with a cost data base for vocational education and share the data with the State Department of Education. A summary of costs will be developed.

SB003955 VTP-268

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Miller, Wayne E.
Organization: Woodmore Local School District, Ohio.
Funding Period: Start Date 5 Apr 71; End Date 31 Jul 71

The purpose of this project is to demonstrate the feasibility of a cost-gathering and sharing system between local schools. The objectives are to determine instructional program costs which will provide educational decision makers with a cost data base for vocational education and share the data with the State Department of Education. A summary of costs will be developed.

Fiscal Year 1972

SB003956

A Research Study in the Development of Effective Means of Altering the Attitudes of Elementary School Teachers Towards Vocational Education.
Project Director: Georgiady, Nicholas P.
Organization: Miami Univ., Oxford, Ohio.
Funding Period: Start Date 1 May 71; End Date 30 Jun 72
Contract and/or Control No.: 109R-73

This project will explore the causes of negative teacher attitudes towards vocational education and develop means for assisting teachers in forming less biased attitudes. In a summer workshop, teachers will (1) analyze their attitudes; (2) develop programs, curricular materials, and instructional strategies concerning vocations for various grade levels; (3) visit a variety of businesses and industries; and (4) receive the expertise of selected consultants. Pretests and posttests will be used to evaluate changes in teachers' attitudes.

SB003957

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Sterling, George A.
Organization: Cuyahoga Falls City School District, Ohio.

To account for money spent in vocational education, a reliable cost data gathering instrument and instruction manual must be developed. The Ohio Department of Education is asking eighteen local school districts which offered vocational education programs to participate in collecting cost data for administration, instruction, operation and maintenance, and other expeditures to obtain the total cost for each secondary program.

SB003958 VTP-612

Interstate Distributive Education Curriculum.
Project Director: Hephner, Thomas
Organization: Wisconsin State Dept. of Education, Madison.
Funding Period: Start Date 1 Dec 71; End Date 31 Dec 73

The purpose of this project is to develop learning activities packages to incorporate all 983 competencies into individualized modular units through a consortium of ten states, field test the packages, and distribute them. All distributive education coordinators will be trained in workshops to use the learning packages in their classrooms.

SB003959 VTP-845

Feasibility Study for Career Academy.
Project Director: Kingsley, Leonard D.
Organization: Penta County Vocational High School, Perrysburg, Ohio.
Funding Period: Start Date 1 Dec 71; End Date 31 Mar 72

The objectives of this study are to determine the cluster of professional occupations for which one or more career academy programs might be outlined, define and identify the type of instructional program which might be provided under the career academy concept, and survey the member schools to determine possible interests in programs. Resource personnel have developed a proposal for planning facilities for a precollege career development academy.

SB003960

Career Education Program K-10.
Organization: Toledo City School District, Ohio.

This project will reorganize the curriculum of grades K-10 around a career development theme, making subjects more relevant to future goals. Through continuing career education, students develop an intelligent approach to career options that lead to employment or future education at graduation. A multimedia approach will provide students with the guidance, counseling, and practical experiences which they need.

SB003961

Vocational Youth Leadership Conference.
Project Director: Dygert, Charles B.
Organization: Ohio FFA Camp Muskingum, Inc., Carrollton.
Funding Period: Start Date 21 Jul 72; End Date 1 Jan 73
Contract and/or Control No.: R-6-73

This project will determine to what extent formalized leadership programs affect student self-concept and critical thinking abilities and leadership behavior in the school and community. The workshop will be evaluated through completion of a self-concept questionnaire by students, plus a follow-up teacher survey of the students' post-workshop behavior.

SB003962 VTP-784

Career Education (K-10).
Project Director: Fricker, Robert W.
Organization: Parma City School District, Ohio.
Funding Period: Start Date 15 Jan 72; End Date 30 Jun 72

The objectives of this project are to develop a strong self-concept to move toward greater career and life satisfaction, develop interests in various phases of work, provide an awareness of changes in the world of work, provide hands-on experiences, and provide K-10 students with appropriate counseling and guidance.

SB003963

Career Motivation and Exploration.
Project Director: Walker, James W.
Organization: Cleveland Public Schools, Ohio. Div. of Research and Development.

This project is designed to provide students from inner-city schools with information, knowledge, and experience which will generate positive thinking about occupational opportunities. The content of the project is to help ninth and tenth graders gain a positive attitude toward career development and gain the necessary experiences and understanding that will help them make more accurate decisions concerning their vocational goals.

SB003964

Career Education Program K-10.
Organization: Dayton Public Schools, Ohio.

This project will reorganize the curriculum of grades K-10 around a career development theme, making subjects more relevant to future goals. Through continuing career education, students develop an intelligent approach to career options that lead to employment or future education at graduation. A multimedia approach will provide students with the guidance, counseling, and practical experiences which they need.

SB003965

Demonstration Project in Career and Vocational Education Grades K-12.
Organization: Cincinnati Public Schools, Ohio.

This project will reorganize the curriculum of grades K-12 around a career development theme, making subjects more relevant to future goals. Through continuing career education, students develop an intelligent approach to career options that lead to employment or future education at graduation. A multimedia approach will provide students with the guidance, counseling, and practical experiences which they need.

SB003966

The Minford Local Schools Career Development Programs.
Project Director: Peterson, Douglas Alden
Organization: Minford Local Schools, Ohio.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 72

The project will provide the students in grades K-10 with a better insight about themselves and career possibilities. The curriculum will be revised to include more realistic activities which relate school program with employment opportunities, meet the individual occupational interests of students, and assist each student in developing a positive self-image and the motivation and appreciation to succeed in the world of work.

SB003967 **VTP-785**

A Career Continuum for Grades K Through 10.
Project Director: Besse, Charles
Organization: South-Western City School District, Grove City, Ohio.
Funding Period: Start Date 31 Jan 72; End Date 30 Jun 72

The objectives of this project are to incorporate within the K-6 curriculum the need for, contribution of, and overall place of socially useful labor; orient seventh and eighth graders to a range of career possibilities; and provide ninth and tenth graders with opportunities for each to make indepth exploration of career opportunities. Staff inservice time will be provided to revise the curriculum, and field experiences will be provided.

SB003968 **VTP-799**

Great Lakes Maritime Trades Program.
Project Director: Federico, Louis
Organization: Cleveland Public Schools, Ohio.
Funding Period: Start Date 1 Jun 72; End Date 30 Jun 73

This project will combine cognitive skills and hands-on experience aboard a unique educational facility, a Coast Guard cutter. Both process and product objectives have been specified for students, program coordination, teachers, and aministration. The curriculum has been designed to provide academic courses needed for graduation and related technology. Vocational programs are designed to develop occupational adaptability.

SB003969

K-10 Career Education Programs.
Project Director: Zockle, Michael A.
Organization: Warren City Schools, Ohio.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The aim of this project is to develop a curriculum in career development which will provide motivational, orientational, and explorational experiences for students. The curriculum will show job prerequisites and instill a positive attitude in students towards themselves and the world of work. Students will learn ways to contribute to home, school, and community.

SB003970

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Sterling, George A.
Organization: Eastland Joint Vocational School District, Ohio.

To account for money spent in vocational education, a reliable cost data gathering instrument and instruction manual must be developed. The Ohio Department of Education is asking eighteen local school districts which offered vocational education programs to participate in collecting cost data for administration, instruction, operation and maintenance, and other expeditures to obtain the total cost for each secondary program.

SB003971

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Sterling, George A.
Organization: Eastwood Local School District, Ohio.

To account for money spent in vocational education, a reliable cost data gathering instrument and instruction manual must be developed. The Ohio Department of Education is asking eighteen local school districts which offered vocational education programs to participate in collecting cost data for administration, instruction, operation and maintenance, and other expeditures to obtain the total cost for each secondary program.

SB003972

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Sterling, George A.
Organization: EHOVE Joint Vocational School District, Milan, Ohio.

To account for money spent in vocational education, a reliable cost data gathering instrument and instruction manual must be developed. The Ohio Department of Education is asking eighteen local school districts which offered vocational education programs to participate in collecting cost data for administration, instruction, operation and maintenance, and other expeditures to obtain the total cost for each secondary program.

SB003973

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Sterling, George A.
Organization: Findlay City School District, Ohio.

To account for money spent in vocational education, a reliable cost data gathering instrument and instruction manual must be developed. The Ohio Department of Education is asking eighteen local school districts which offered vocational education programs to participate in collecting cost data for administration, instruction, operation and maintenance, and other expeditures to obtain the total cost for each secondary program.

SB003974

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Sterling, George A.
Organization: Four County Joint Vocational School District, Ohio.

To account for money spent in vocational education, a reliable cost data gathering instrument and instruction manual must be developed. The Ohio Department of Education is asking eighteen local school districts which offered vocational education programs to participate in collecting cost data for administration, instruction, operation and maintenance, and other expeditures to obtain the total cost for each secondary program.

SB003975

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Sterling, George A.
Organization: Franklin City School District, Ohio.

To account for money spent in vocational education, a reliable cost data gathering instrument and instruction manual must be developed. The Ohio Department of Education is asking eighteen local school districts which offered vocational education programs to participate in collecting cost data for administration, instruction, operation and maintenance, and other expeditures to obtain the total cost for each secondary program.

SB003976

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Sterling, George A.
Organization: Greene Joint Vocational School, Xenia, Ohio.

To account for money spent in vocational education, a reliable cost data gathering instrument and instruction manual must be developed. The Ohio Department of Education is asking eighteen local school districts which offered vocational education programs to participate in collecting cost data for administration, instruction, operation and maintenance, and other expeditures to obtain the total cost for each secondary program.

SB003977

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Sterling, George A.
Organization: Knox Joint Vocational School District, Ohio.

To account for money spent in vocational education, a reliable cost data gathering instrument and instruction manual must be developed. The Ohio Department of Education is asking eighteen local school districts which offered vocational education programs to participate in collecting cost data for administration, instruction, operation and maintenance, and other expeditures to obtain the total cost for each secondary program.

SB003978

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Sterling, George A.
Organization: Mad River Township Local Schools, Dayton, Ohio.

To account for money spent in vocational education, a reliable cost data gathering instrument and instruction manual must be developed. The Ohio Department of Education is asking eighteen local school districts which offered vocational education programs to participate in collecting cost data for administration, instruction, operation and maintenance, and other expeditures to obtain the total cost for each secondary program.

SB003979

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Sterling, George A.
Organization: Mad River-Green Local School District, Ohio.

To account for money spent in vocational education, a reliable cost data gathering instrument and instruction manual must be developed. The Ohio Department of Education is asking eighteen local school districts which offered vocational education programs to participate in collecting cost data for administration, instruction, operation and maintenance, and other expeditures to obtain the total cost for each secondary program.

SB003980

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Sterling, George A.
Organization: Mentor Exempted Village School District, Ohio.

To account for money spent in vocational education, a reliable cost data gathering instrument and instruction manual must be developed. The Ohio Department of Education is asking eighteen local school districts which offered vocational education programs to participate in collecting cost data for administration, instruction, operation and maintenance, and other expeditures to obtain the total cost for each secondary program.

SB003981

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Sterling, George A.
Organization: Noble Local School District, Ohio.

To account for money spent in vocational education, a reliable cost data gathering instrument and instruction manual must be developed. The Ohio Department of Education is asking eighteen local school districts which offered vocational education programs to participate in collecting cost data for administration, instruction, operation and maintenance, and other expeditures to obtain the total cost for each secondary program.

SB003982

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Sterling, George A.
Organization: Penta County Joint Vocational School District, Ohio.

To account for money spent in vocational education, a reliable cost data gathering instrument and instruction manual must be developed. The Ohio Department of Education is asking eighteen local school districts which offered vocational education programs to participate in collecting cost data for administration, instruction, operation and maintenance, and other expeditures to obtain the total cost for each secondary program.

SB003983

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Sterling, George A.
Organization: South-Western City School District, Grove City, Ohio.

To account for money spent in vocational education, a reliable cost data gathering instrument and instruction manual must be developed. The Ohio Department of Education is asking eighteen local school districts which offered vocational education programs to participate in collecting cost data for administration, instruction, operation and maintenance, and other expeditures to obtain the total cost for each secondary program.

SB003984

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Sterling, George A.
Organization: Tri-County Joint Vocational School District, Ohio.

To account for money spent in vocational education, a reliable cost data gathering instrument and instruction manual must be developed. The Ohio Department of Education is asking eighteen local school districts which offered vocational education programs to participate in collecting cost data for administration, instruction, operation and maintenance, and other expeditures to obtain the total cost for each secondary program.

SB003985

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Sterling, George A.
Organization: Willoughby-Eastlake School District, Willoughby, Ohio.

To account for money spent in vocational education, a reliable cost data gathering instrument and instruction manual must be developed. The Ohio Department of Education is asking eighteen local school districts which offered vocational education programs to participate in collecting cost data for administration, instruction, operation and maintenance, and other expeditures to obtain the total cost for each secondary program.

SB003986

Pilot Study of Secondary Vocational Education Program Costs.
Project Director: Sterling, George A.
Organization: Woodmore Local School District, Ohio.

To account for money spent in vocational education, a reliable cost data gathering instrument and instruction manual must be developed. The Ohio Department of Education is asking eighteen local school districts which offered vocational education programs to participate in collecting cost data for administration, instruction, operation and maintenance, and other expeditures to obtain the total cost for each secondary program.

Fiscal Year 1973

SB003987

A Comprehensive Career Development Program K-10.
Project Director: Topougis, Nicholas J.
Organization: Akron Board of Education, Ohio.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

Objectives of the project include developing attitudes toward career opportunities, facilitating self-awareness and examination in terms of career demands, facilitating development of marketable transferable skills, and increasing awareness of how school activities relate to future occupational choice. Activities include providing

occupational orientation and exploration through job site visitations, speakers, and career supplementary materials.

SB003988

Demonstration Project in Career and Vocational Education Grades K-10.
Project Director: Owen, John H.
Organization: Cincinnati Public Schools, Ohio.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

This project for grades K-6 seeks to implant in pupils general knowledge and attitudes about work and motivation for future education. Pupils in grades 7-8 will be oriented to major job fields and experience a diversity of tasks simulating actual jobs. Ninth and tenth grade students will have at least three tryout experiences in self-selected explorations.

SB003989 **VTP-913**

Glenville Career Development Program.
Project Director: Henlas, Donald V.
Organization: Cleveland Public Schools, Ohio.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objective of this project is to provide a continuum of career education from K-10. Both process and product objectives have been specified for each component related to motivation, orientation, exploration, program coordination, and administration. A developmental program in career education will be implemented. All students will be involved as an integrated part of the total ongoing instructional process.

SB003990

Career Education Program K-10.
Organization: Columbus City School District, Ohio.

This project will reorganize the curriculum of grades K-10 around a career development theme, making subjects more relevant to future goals. Through continuing career education, students develop an intelligent approach to career options that lead to employment or future education at graduation. A multimedia approach will provide students with the guidance, counseling, and practical experiences which they need.

SB003991 **VTP-915**

Career Development.
Project Director: Reynolds, James O.
Organization: Dayton City Schools, Ohio.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objectives of this program are to expose all students to many types of hands-on activities and help students gain awareness, appreciation, preparation, and interest for work. A total program will be structured around retraining techniques of inservice, community involvement, and curriculum modification.

SB003992 **VTP-916**

A Proposal to Conduct a Pilot Project in Career Education from Grades K-10.
Project Director: Porter, William A.
Organization: Geneva Area City School District, Ohio.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: CD-6-73

The objectives of this project are to aid all students in gaining occupational awareness; assist the students in better understanding their own potential, interests, and abilities; and aid all teachers in gaining more career awareness. The task in grades K-6 is to orient students to the world of work. In grades 7 and 8, time is given to career orientation, and grades 9 and 10 will focus on the occupational clusters.

SB003993 **VTP-917**

Career Education Program for Kirtland City Schools.
Project Director: McClintock, Douglas
Organization: Kirtland City Schools, Ohio.
Funding Period: Start Date 1 Aug 72; End Date 31 Jul 73
Contract and/or Control No.: CD-7-73

The objectives of this project are to aid pupils in developing proper attitudes toward all types of socially useful work and assist students in developing an educational plan for themselves that is compatible with their potential ability, expressed interests, and relevant to a promising and successful career. The world-of-work concept will be integrated into the elementary curriculum by involving all elementary teachers in a workshop.

SB003994 **VTP-918**

The Lorain City Career Development Program K-10.
Project Director: Gorham, DeRoy
Organization: Lorain City School District, Ohio.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objectives of this project are to provide children with an awareness of the world of work, direct experience to motivate and captivate the learner's interest, educate and re-educate teachers to make school relevant and meaningful for youngsters, and emphasize attitude development.

SB003995 **VTP-919**

Developing Positive Attitudes Toward the Work-A-Day World.
Project Director: Dennison, Donald K.
Organization: Lucas Local Schools, Ohio.
Funding Period: Start Date 6 Sept 72; End Date 8 Jun 73

The objectives of this project are to develop awareness, understanding, and appreciation of occupational opportunities; expose elementary children to work experiences; and establish procedures to involve students in work experience. Parent and community involvement will be expected. Programmed laboratory programs, field trips to onsite career locations, and simulated career situations will be developed.

SB003996 **VTP-920**

Career Education Continuum, K-10.
Project Director: Carse, Constance K.
Organization: Mansfield Board of Education, Ohio.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objectives of this project are to revise the present curriculum to provide motivation for higher achievement and increased self-awareness and provide activities to extend the students' knowledge and experience in the world of work. The procedures include simulated and experimental activities; indepth investigation of some occupations; standardized tests; and interviews with students, parents, teachers, and the community.

SB003997

Experimental and Pilot Program Designed to Assist in Expediting the Development of New Career Education Curricula for Grades K-10 in Ohio's Schools.
Project Director: Stickley, James
Organization: Mad River-Green Local Board of Education, Springfield, Ohio.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

This project will motivate staff to generate a curriculum which will encourage children to develop positive self-concepts, an appreciation for all vocations, positive attitudes towards work, the concept of the dignity of work, an ability to make self-appraisals, an appreciation of the economic and social values of work, a knowledge of occupational choices, and an understanding of the requirements of occupations.

SB003998

The Minford Local Schools Career Development Program.
Project Director: Rogers, William F.
Organization: Minford Local Schools, Ohio.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: CD-12-73

This project will realign curriculum so that students will be better prepared to enter the world of work. Curriculum will include more realistic activities, meet the individual occupation interests of students, and assist each student in developing a positive self-image and the motivation necessary for occupational success.

SB003999

K-10 Career Education Program.
Project Director: Burch, Donald I.

Organization: East Muskingum Local School District, New Concord, Ohio.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: CD-13-73

This project will improve student attitudes toward, knowledge of, and experience in the world of work. K-6 grade students will develop motivation and attitudes important for success in the world of work. Students in grades 7-8 will become aware of occupational opportunities. Students in grades 9-10 will study occupational clusters which interest them.

SB004000

Wayne Vocational Area Career Education Model.
Project Director: Thomas, Richard E.
Organization: Orrville City Schools, Ohio.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: CD-14-73

This project will provide students with information to help them choose a career. K-6 grade students will become aware of occupations in career clusters through simulation and role playing, 7-8 grade students will expand this interest through projects and field trips, and 9-10 grade students will be assisted in making self-appraisals and exploring opportunities through experience-centered activities.

SB004001

Career Education.
Project Director: Fricker, Robert W.
Organization: Parma City Schools, Ohio.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: CD-15-73

The purpose of this project is to prepare children to make wise decisions about possible occupations. To this end, students in grade K-3 will be able to list three occupational areas, the services of which are necessary to their survival; students in grades 4-6 will be able to identify the six major job groupings.

SB004002

A Career Continuum for Grades K through 10.
Project Director: Miller, Donald G.
Organization: South-Western City School District, Grove City, Ohio.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: CD-16-73

This project will develop a career continuum for grades K-10. Students in grades K-6 will learn the need for, contribution of, and overall place of socially useful labor. Students in grades 7-8 will be oriented to a wide range of career possibilities. Opportunities for indepth career exploration will be provided for 9-10 grade students.

SB004003

Career Motivation, Orientation and Exploration; An Ohio Career Development Program.
Project Director: Degenhart, George A.
Organization: Springfield City Schools, Ohio.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

Goals for this program include developing awareness of the scope of the career spectrum and of the relationship of the working world to community development (grades K-6); enabling students to form valid opinions concerning areas of their own interests and abilities (grades 7-8); and providing on-site career experiences in two of three occupational areas identified by the students (grades 9-10).

SB004004

Career Development Program.
Project Director: Scherer, R. T.
Organization: Toledo Board of Education, Ohio.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: CD-18-73

This project will aid students in realizing vocational and avocational goals. K-6 grade students will be exposed to the wide range of careers and will learn the value of all work. Junior high students will study job clusters in the classroom, through field observations, and in hands-on experiences. Senior high students will receive on-the-job training and classroom instruction.

SB004005

K-10 Career Development.
Organization: Warren City Schools, Ohio.

The aim of this project is to develop a curriculum in career development which will provide motivational, orientational, and explorational experiences for students. The curriculum will show job prerequisites and instill a positive attitude in students towards themselves and the world of work. Students will learn ways to contribute to home, school, and community.

SB004006

Willoughby-Eastlake City Schools Career Education Program.
Project Director: Cicek, Louis S., Jr.
Organization: Willoughby-Eastlake City Schools, Willoughby, Ohio.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

This project will teach students about the world of work and their potential career opportunities and instruct teachers how to include the world of work in their instructional program and stimulate student participation in this area. Students will receive information via the classroom, lecturers, and field experiences. Teachers will participate in inservice meetings.

SB004007 **VTP-1113**

Development of Instruments Assessing the Performance Capabilities of Graduates of Vocational Agriculture Programs.
Project Director: Warmbrod, J. Robert
Organization: Ohio State Univ., Columbus. Dep. of Agricultural Education.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objectives of this project are to develop or compile lists of behavioral objectives for four instructional programs in vocational agriculture, develop performance criteria for the objectives, and develop criterion-referenced instruments for each of the programs. The instruments will be administered to samples of eleventh and twelfth-grade students in specialized vocational agricultural programs.

SB004008

Development of Pre-Post-Secondary Curriculum - Engineering for Grades 11-12.
Organization: Muskingum Junior Vocational School, Zanesville, Ohio.
Funding Period: Start Date 1 Nov 72; End Date 1 Sep 73

This project will develop a two-year curriculum of experience-centered instruction which will prepare students to enter a post-secondary educational institution in engineering. The curriculum will provide twenty-two and one-half hours of instruction per week. Courses will be credited towards high school graduation.

SB004009

Development of a Pre-Post-Secondary Curriculum in Business Administration for High School Students in the Eleventh and Twelfth Grades.
Project Director: Brinkman, R. O.
Organization: Springfield and Clark County Joint Vocational School District, Ohio.
Funding Period: Start Date 1 Nov 72; End Date 1 Sep 73
Contract and/or Control No.: 2-R-73

This project will develop a two-year curriculum of experience-centered instruction which will prepare students to enter a post-secondary educational institution in business administration. The curriculum will provide twenty-two and one-half hours of instruction per week. Courses will be credited towards high school graduation.

SB004010

Development of Pre-Post-Secondary Curriculum - Engineering for Grades 11-12.
Project Director: Brinkman, R. O.
Organization: Springfield and Clark County Joint Vocational School District, Ohio.
Funding Period: Start Date 1 Nov 72; End Date 1 Sep 73

This project will develop a two-year curriculum of experience-centered instruction which will prepare students to enter a post-secondary educational institution in social science. The curriculum will provide twenty-two and one-half hours of instruction per week.

Courses will be credited towards high school graduation.

SB004011

Development of Pre-Post-Secondary Curriculum - Engineering for Grades 11-12.
Organization: Owens Technical Coll., Ohio.
Funding Period: Start Date 1 Nov 72; End Date 1 Sep 73

This project will develop a two-year curriculum of experience-centered instruction which will prepare students to enter a post-secondary educational institution in health occupations. The curriculum will provide twenty-two and one-half hours of instruction per week. Courses will be credited towards high school graduation.

SB004012

Vocational Youth Leadership Conference.
Project Director: Dygert, Charles B.
Organization: Ohio FFA Camp Muskingum, Inc., Carrollton.
Funding Period: Start Date 21 Jul 72; End Date 1 Jan 73
Contract and/or Control No.: R-6-73

This project will determine to what extent formalized leadership programs affect student self-concept and critical thinking abilities and leadership behavior in the school and community. The workshop will be evaluated through completion of a self-concept questionnaire by students, plus a follow-up teacher survey of the students' post-workshop behavior.

SB004013

Great Lakes' Maritime Trades Program.
Organization: Cleveland Public Schools, Ohio. Div. of Research and Development.
Contract and/or Control No.: R-7-73

As a result of this project, students will learn about the diversity of career opportunities available in the Great Lakes' Maritime Trades, receive hands-on technical experience, and become effective and efficient in a selected area. Teachers will develop appropriate trade and industry curriculum units.

SB004014 VTP-1461

Development of Vocational Education Curricula Especially Adapted to Continual Adult Penal Education Programs.
Project Director: Purkey, D. R.
Organization: Ohio State Dept. of Corrections, Columbus.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 74

The objectives of this project are to plan curricular modules for the vocational programs in adult vocational education programs in penal institutions, plan curricular modules and procedures for work adjustment programs and work evaluation centers in the penal institutions, and develop programmed instructional material to accompany modules to allow maximum individualized instruction.

SB004015

Vocational Education Planning Districts in Ohio: An Economic Evaluation of Foregone Benefits from Limited Participation.
Project Director: Ghazalah, Ismail A.
Organization: Ohio State Dept. of Education, Columbus. Div. of Vocational Education.
Funding Period: Start Date 1 Dec 72; End Date 28 Feb 74
Contract and/or Control No.: R-13-73

Based on detailed data on school and program enrollments, the total net social benefits from vocational education programs will be estimated and projected for each of the sample vocational education planning districts and projected for the state as a whole. Also estimated will be the potential net social benefits of increasing the participation rate in vocational education programs.

SB004016

Size-Cost Relationships in Ohio's Vocational Schools and Programs: An Economic Study.
Project Director: Ghazalah, Ismail A.
Organization: Ohio State Dept. of Education, Columbus. Div. of Vocational Education.
Funding Period: Start Date 1 Dec 72; End Date 30 Jun 74
Contract and/or Control No.: R-14-73

The objective of this cost analysis is to examine the relationship between the size of schools and of vocational programs and the cost of providing the vocational education service. It seeks to determine (1) the distribution of costs among functional categories, (2) the behavior of functional categories of costs as related to differences in program and school sizes, (3) the costs per trainee at different levels of program size, and (4) the optimum sizes of vocational programs.

Fiscal Year 1974

SB004017 VTP-1157

Professional Education Competency Needs of Three Different Groups of Vocational Agriculture Teachers in Ohio.
Organization: Ohio State Univ., Columbus. Dept. of Agricultural Education.
Funding Period: Start Date 1 Jul 73; End Date 31 May 74

The objectives of the project are to determine the educational and occupational backgrounds of three different groups of secondary vocational agriculture teachers and their perceptions concerning the importance and proficiency of selected professional competencies for conducting successful vocational agriculture programs. A random sample of 200 four-year college graduates, 70 four-year technical college graduates, and 35 noncollege graduates in agriculture will be included in the study.

SB004018 VTP-1369

Development of Federal Legislation Model for Vocational Education.
Project Director: Burkett, Lowell A.
Organization: American Vocational Association, Washington, D.C.
Funding Period: Start Date 1 Dec 73; End Date 30 June 74

The objectives of this project are to identify duplication or overlapping of programs and effort in funding and emphasis; discover more compatible, comprehensive methods of planning which would be meaningful to states and also serve Congressional mandates; and determine ways federal legislation might be more responsive to the needs of people in all locales. A synthesis of study investigations and findings will be used to pinpoint parts of the federal legislation that merit continued support and inclusion in the model.

SB004019 VTP-1370

Evaluation of the Ohio Pre-Post-Secondary Program in Grades 11 and 12 in Four Centers.
Project Director: McGrath, J. W.
Organization: Kent State Univ., Ohio.
Funding Period: Start Date 6 May 74; End Date 30 Jun 74

The objectives of this project are to determine the effectiveness of the administration of the project and the effectiveness of the project itself and determine the program costs as compared to regular methodology and subsequent transportability to other schools. Onsite visitations will be made, instruments will be developed, and testing will be conducted.

SB004020 VTP-1371

Development of Career Orientation Materials for Grades Seven and Eight, State of Ohio.
Project Director: Baird, George H.
Organization: Educational Research Council of America, Cleveland, Ohio.
Funding Period: Start Date 20 Jun 74; End Date 30 Jun 75

The objectives of this project include the development of nine cluster student guides and materials that fit the program concept. A group will be formed to develop the units for clusters identified in cooperation with the State Department of Education. Each unit will help students relate a cluster and the interests and abilities required to their personal characteristics and help them to see the career in relationship to the world of work.

SB004021

Evaluation - Ohio Formative Test Program and Evaluation for Career Development Projects.

Organization: Institute for Educational Development, New York, N.Y.

The purpose of this project is to provide the Ohio Department of Education with information about the various aspects of the career education program. The department wants to know if career education is taking place in the classroom, if the amount of money being spent is sufficient, and if the program should continue to be administered by the Division of Vocational Education.

Fiscal Year 1975

SB004022 **VTP-1560**

Southwestern Ohio Regional Vocational Education Planning Project.
Project Director: Garr, Russell F.
Organization: Greene Joint Vocational School, Xenia, Ohio.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this program are to provide a more comprehensive vocational program to all students, enhance the economic efficiency of vocational programming, better match vocational program offerings with current and projected labor market demands, provide information concerning the availability of prospective vocational teachers, and facilitate inservice education programs on a regional basis.

SB004023 **VTP-1561**

Development of Occupational Concepts for Educational Programs in Grades 11 and 12.
Project Director: Wellman, Florence M.
Organization: Wyoming City Schools, Ohio.
Funding Period: Start Date 5 Aug 74; End Date 13 Jun 75

The objectives of this project are to identify activities representative of the kinds of things students will be engaged in when they enter selected professions or careers, list the knowledge that is related to a career in one of the professions pursued, and design a program which will arrange the activities and knowledge in a natural sequence or order as preparation for postsecondary education.

SB004024

Career Education Program.
Organization: Toledo City Schools, Ohio.

The purpose of this project is to prepare children to make wise decisions about possible occupations. To this end, students in grade K-3 will be able to list three occupational areas, the services of which are necessary to their survival; students in grades 4-6 will be able to identify the six major job groupings.

SB004025

All Ohio Youth Camp Project.
Project Director: Dross, William
Organization: Ohio FFA Camp Muskingum, Inc., Carrollton.
Funding Period: Start Date 25 Jul 75; End Date 28 Jul 75

A workshop for 250 youth selected from various vocational student organizations will be conducted at Camp Muskingum. The aims include fostering a cooperative spirit among the organizations, determining current issues and concerns of youth and presenting appropriate resource persons for youth debate, and providing participants with techniques and ideas for involving fellow students in leadership development and critical thinking.

SB004026

Evaluation of the Ohio Pre-Post-Secondary Program in Grades 11 and 12 in Four Centers (Continuation).
Project Director: McGrath, J. W.
Organization: Kent State Univ., Ohio.

The objectives of this project are to determine the effectiveness of the administration of the project and the effectiveness of the project itself and determine the program costs as compared to regular methodology and subsequent transportability to other schools. Onsite visitations will be made, instruments will be developed, and testing will be conducted for his project.

Fiscal Year 1976

SB004027

All Ohio Vocational Youth Camp.
Project Director: Dross, William J.
Organization: Ohio State Dept. of Education, Columbus. Div. of Vocational Education.
Contract and/or Control No.: R-1-76

A workshop for 250 youth selected from various vocational student organizations will be conducted at Camp Muskingum. The aims include fostering a cooperative spirit among the organizations, determining current issues and concerns of youth and presenting appropriate resource persons for youth debate, and providing participants with techniques and ideas for involving fellow students in leadership development and critical thinking.

SB004028

Food Service System Planning.
Project Director: Gephart, Woodrow W.
Organization: Ashtabula County Joint Vocational School, Ohio.
Funding Period: 1 Aug 75; End Date 30 Jun 76
Contract and/or Control No.: R-7-76

This project will analyze present planning and accountability procedures in vocational and other school food service operations, design an effective data collection instrument, test and validate reporting, and identify and recommend needed changes in accounting operations.

SB004029 **VTP-2489**

Occupational Analyses for Five Occupations.
Project Director: Hindes, Tom
Organization: Ohio State Univ., Columbus. Trade and Industrial Education Instructional Materials Lab.
Funding Period: Start Date 1 Jan 76; End Date 30 Sep 76
Contract and/or Control No.: R-5-76

This project will continue to develop occupational analyses to design courses of study to prepare students for skilled occupations. Specific objectives are to develop five additional analyses at a cost much lower than the regular operational cost, conduct a task survey for each of five skill areas, and prepare for dissemination 250 occupational analysis booklets for each of the five occupations.

SB004030

Ohio Career Development for 32 School Districts.
Project Director: Ford, Jack
Organization: Ohio State Dept. of Education, Columbus. Div. of Vocational Education.
Funding Period: Start Date 1 Jan 76; End Date 30 Jun 76
Contract and/or Control No.: R-4-76

This project intends to further develop acceptance of career education for students in grades K-10, develop inservice training workshops and seminars for local career development supervisors and teachers, monitor the thirty-two projects to account for time and funds, supervise the development of teacher resource materials, and develop material for project evaluation.

SB004031

Further Development of, and Training in, the Use of Local Education Agency Plans by State and Local Staff.
Project Director: Messmer, Barbara
Organization: Ohio State Dept. of Education, Columbus. Div. of Vocational Education, Research Coordinating Unit.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76 computer statistical data base
Contract and/or Control No.: R-3-76

This project will assist local agencies to update their local education agency plans (LEAP) for 1976-1981, update the computer statistical data base to reflect these changes, further train state and local school administrators in making and using LEAP, and coordinate LEAP with the state plan for vocational education.

SB004032

Third Party Three-Site Evaluation of Part D Career Development Projects Ohio 1975-76.
Project Director: Ford, Jack
Organization: Ohio State Dept. of Education, Columbus. Div. of Vocational Education, Div. of Career Development Service.
Funding Period: Start Date 1 Oct 75; End Date 30 Jun 76
Contract and/or Control No.: R-2-76

Objectives of this project include determining the effectiveness of the administration of the project including local level administration, evaluating the effectiveness of career development programs, and re-examining and further developing field-based and curriculum-based tests to provide a more effective measuring instrument.

SB004033

Higher Education Center Development for Career Education.
Project Director: Ford, Jack
Organization: Ohio State Dep. of Education, Columbus. Div. of Vocational Education, Div. of Career Development Service.
Funding Period: Start Date 1 Nov 75; End Date 30 Jun 76
Contract and/or Control No.: R-6-76

This project will organize the state into four regional career development centers: University of Akron, Miami University, Ohio State University, and University of Toledo. Other activities include preservice and inservice teacher training classes to make career development materials available to all career development personnel. Objectives include reporting and responding to career education in teacher education redesign.

SB004034 VTP-2604

Ohio Career Development for 34 School Districts.
Project Director: Ford, Jack
Organization: Ohio State Dept. of Education, Columbus. Div. of Vocational Education.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: R-1-77

This project intends to further develop acceptance of career education for students in grades K-10, develop inservice training workshops and seminars for local career development supervisors and teachers, monitor the thirty-two projects to account for time and funds, supervise the development of teacher resource materials, and develop material for project evaluation.

Fiscal Year 1977

SB004035 VTP-2861

Performance-Based Teacher Education/Inservice Application Project.
Project Director: Householder, Larry D.
Organization: Upper Valley Vocational Education Planning District, Ohio.
Funding Period: Start Date 1 Mar 77; End Date 30 Jun 78
Contract and/or Control No.: R-6-77

The purpose of the project is to test the adaptability of the performance-based teacher education (PBTE) materials developed by the Center for Vocational Education to inservice applications in vocational education at the secondary and adult levels. A pre-implementation assessment of teaching competence will be conducted.

SB004036 VTP-2804

Linking Secondary and Adult Vocational Education Performance Objectives With Those Required by Industry.
Project Director: Hughey, Robert
Organization: Akron City School District, Ohio.
Funding Period: Start Date 1 Mar 77; End Date 31 Aug 77
Contract and/or Control No.: R-5-77

The project's purpose is to strengthen the relationship between vocational programs and local industry and aid in the placement of vocational graduates. Specific objectives are to determine performance objectives of skill and knowledge required for entry-level jobs as industrial electricians, machinists, pipefitters, and machine repairmen, and work with schools to develop performance skills and knowledge objectives which will prepare secondary and adult students to enter industry at the desired skill and knowledge level.

SB004037 VTP-2860

Conceptualization of a Practical Arts Program Component for Junior High/Middle School Youth.
Project Director: Ray, Willis E.
Organization: Ohio State Univ., Columbus. Research Foundation.
Funding Period: Start Date 1 Apr 77; End Date 31 Dec 77
Contract and/or Control No.: R-7-77

The project will build a rationale for a practical arts component of the junior high/middle school curriculum and outline a school program of the practical arts related to agriculture, home and family living, health, industry, business and office, and distribution. Twenty selected educational leaders will attend a conference to advise on a draft plan and offer suggestions for scheduling, staffing, and operating the program.

SB004038

Ohio Career Development for 32 School Districts - Staff Monitoring.
Project Director: Ford, Jack
Organization: Ohio State Dept. of Education, Columbus. Div. of Vocational Education.

This project intends to further develop acceptance of career education for students in grades K-10, develop inservice training workshops and seminars for local career development supervisors and teachers, monitor the thirty-two projects to account for time and funds, supervise the development of teacher resource materials, and develop material for project evaluation.

SB004039

Career Development Project.
Organization: Parma City Schools, Ohio.

The purpose of this project is to prepare children to make wise decisions about possible occupations. To this end, students in grades K-3 will be able to list three occupational areas, the services of which are necessary to their survival; students in grades 4-6 will be able to identify the six major job groupings.

SB004040

Cooperative Education Guidelines for Technical Colleges and Other Associate Degree Programs.
Project Director: Streb, Thomas C.
Organization: Stark Technical Coll., Canton, Ohio.
Funding Period: Start Date 1 Jun 77; End Date 30 Jun 78
Contract and/or Control No.: R-3-77

The project intends to develop guidelines and a working model for technical colleges or other associate degree programs in the implementation of cooperative education. Procedures will include researching publications; interviewing college administrators, faculty, students, and local employers in business and industry; and making fact-finding trips to institutions with cooperative education and cooperative education seminars.

Part D

Fiscal Year 1970

SB004041

Career Orientation Program.
Organization: Lincoln Heights School District, Ohio.

The purpose of this project is to provide career orientation instruction which will include all pupils enrolled in industrial arts and home economics classes in grades 7 and 8. A core staff will be identified to form the career orientation committee. Behavioral objectives, lecturers, and demonstrations will be developed. A workshop should be planned to orient teachers to the program.

SB004042

Career Orientation Program.
Organization: Dayton City Schools, Ohio.

The purpose of this project is to provide career orientation instruction which will include all pupils enrolled in industrial arts and home economics classes in grades 7 and 8. A core staff will be identified to form the career orientation committee. Behavioral objectives, lecturers, and demonstrations will be developed. A workshop should be

planned to orient teachers to the program.

SB004043

Career Orientation Program.
Organization: Toledo City Schools, Ohio.

The purpose of this project is to provide career orientation instruction which will include all pupils enrolled in industrial arts and home economics classes in grades 7 and 8. A core staff will be identified to form the career orientation committee. Behavioral objectives, lecturers, and demonstrations will be developed. A workshop should be planned to orient teachers to the program.

SB004044

Career Orientation Program.
Organization: Cincinnati City Schools, Ohio.

The purpose of this project is to provide career orientation instruction which will include all pupils enrolled in industrial arts and home economics classes in grades 7 and 8. A core staff will be identified to form the career orientation committee. Behavioral objectives, lecturers, and demonstrations will be developed. A workshop should be planned to orient teachers to the program.

SB004045

Career Orientation Program.
Organization: Meigs Local School District, Rutland, Ohio.

The purpose of this project is to provide career orientation instruction which will include all pupils enrolled in industrial arts and home economics classes in grades 7 and 8. A core staff will be identified to form the career orientation committee. Behavioral objectives, lecturers, and demonstrations will be developed. A workshop should be planned to orient teachers to the program.

Fiscal Year 1971

SB004046

Career Orientation Program.
Organization: Parma City Schools, Ohio.

The purpose of this project is to provide career orientation instruction which will include all pupils enrolled in industrial arts and home economics classes in grades 7 and 8. A core staff will be identified to form the career orientation committee. Behavioral objectives, lecturers, and demonstrations will be developed. A workshop should be planned to orient teachers to the program.

SB004047

World of Work Program K-6.
Organization: Akron Public Schools, Ohio.

The project will provide the students in grades K-6 with a better insight about themselves and career possibilities. The curriculum will be revised to include more realistic activities which relate school programs with employment opportunities, meet the individual occupational interests of students, and assist each student in developing a positive self-image and the motivation and appreciation to succeed in the world of work.

SB004048

World of Work Program K-6.
Organization: Cincinnati Public Schools, Ohio.

The project will provide the students in grades K-6 with a better insight about themselves and career possibilities. The curriculum will be revised to include more realistic activities which relate school programs with employment opportunities, meet the individual occupational interests of students, and assist each student in developing a positive self-image and the motivation and appreciation to succeed in the world of work.

SB004049

World of Work Program K-6.
Organization: Cleveland Public Schools, Ohio.

The project will provide the students in grades K-6 with a better insight about themselves and career possibilities. The curriculum will be revised to include more realistic activities which relate school programs with employment opportunities, meet the individual occupational interests of students, and assist each student in developing a positive self-image and the motivation and appreciation to succeed in the world of work.

SB004050

World of Work Program K-6.
Organization: Dayton Public Schools, Ohio.

The project will provide the students in grades K-6 with a better insight about themselves and career possibilities. The curriculum will be revised to include more realistic activities which relate school programs with employment opportunities, meet the individual occupational interests of students, and assist each student in developing a positive self-image and the motivation and appreciation to succeed in the world of work.

SB004051

World of Work Program K-6.
Organization: Mad River Township Local Schools, Dayton, Ohio.

The project will provide the students in grades K-6 with a better insight about themselves and career possibilities. The curriculum will be revised to include more realistic activities which relate school programs with employment opportunities, meet the individual occupational interests of students, and assist each student in developing a positive self-image and the motivation and appreciation to succeed in the world of work.

SB004052

World of Work Program K-6.
Organization: Mansfield Public Schools, Ohio.

The project will provide the students in grades K-6 with a better insight about themselves and career possibilities. The curriculum will be revised to include more realistic activities which relate school programs with employment opportunities, meet the individual occupational interests of students, and assist each student in developing a positive self-image and the motivation and appreciation to succeed in the world of work.

SB004053

World of Work Program K-6.
Organization: Minford Public Schools, Ohio.

The project will provide the students in grades K-6 with a better insight about themselves and career possibilities. The curriculum will be revised to include more realistic activities which relate school programs with employment opportunities, meet the individual occupational interests of students, and assist each student in developing a positive self-image and the motivation and appreciation to succeed in the world of work.

SB004054

World of Work Program K-6.
Organization: Toledo Public Schools, Ohio.

The project will provide the students in grades K-6 with a better insight about themselves and career possibilities. The curriculum will be revised to include more realistic activities which relate school programs with employment opportunities, meet the individual occupational interests of students, and assist each student in developing a positive self-image and the motivation and appreciation to succeed in the world of work.

SB004055

World of Work Program K-6.
Organization: Warren Public Schools, Ohio.

The project will provide the students in grades K-6 with a better insight about themselves and career possibilities. The curriculum will be revised to include more realistic activities which relate school programs with employment opportunities, meet the individual occupational interests of students, and assist each student in developing a positive self-image and the motivation and appreciation to succeed in the world of work.

SB004056

World of Work Program K-6.
Organization: Toledo Public Schools, Ohio.

The project will provide the students in grades K-6 with a better insight about themselves and career possibilities. The curriculum will be revised to include more realistic activities which relate school programs with employment opportunities, meet the individual occupational interests of students, and assist each student in developing a positive self-image and the motivation and appreciation to succeed in the world of work.

SB004057

World of Work Program K-6.
Organization: Mad River-Green Local Board of Education, Springfield, Ohio.

The project will provide the students in grades K-6 with a better insight about themselves and career possibilities. The curriculum will be revised to include more realistic activities which relate school programs with employment opportunities, meet the individual occupational interests of students, and assist each student in developing a positive self-image and the motivation and appreciation to succeed in the world of work.

SB004058

Career Education (K-10).
Project Director: Zockle, Michael A.
Organization: Warren Public Schools, Ohio.

The aim of this project is to develop a curriculum in career development which will provide motivational, orientational, and exploratational experiences for students. The curriculum will show job prerequisites and instill a positive attitude in students towards themselves and the world of work. Students will learn ways to contribute to home, school, and community.

Fiscal Year 1972

SB004059

Career Orientation Program.
Organization: Meigs Local School District, Rutland, Ohio.

The purpose of this project is to provide career orientation instruction which will include all pupils enrolled in industrial arts and home economics classes in grades 7 and 8. A core staff will be identified to form the career orientation committee. Behavioral objectives, lecturers, and demonstrations will be developed. A workshop should be planned to orient teachers to the program.

SB004060

Career Education, K-10.
Project Director: Carse, Constance K.
Organization: Mansfield Board of Education, Ohio.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

To prepare all students to become productive and employable citizens, the Mansfield Board of Education Plans to revise present curriculum to motivate students to higher achievement and increase self-awareness, implement new teaching techniques, expand community involvement and provide for individual and group activities to extend students' knowledge and experience in the world of work.

SB004061

The Minford Local Schools Career Development Programs.
Project Director: Ruark, Jerry G.
Organization: Minford Local Schools, Ohio.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 72

The project will provide the students in grades K-10 with a better insight about themselves and career possibilities. The curriculum will be revised to include more realistic activities which relate school program with employment opportunities, meet the individual occupational interests of students, and assist each student in developing a positive self-image and the motivation and appreciation to succeed in the world of work.

Fiscal Year 1973

SB004062

A Comprehensive Career Development Program K-10.
Organization: Akron City Schools, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

SB004063

Career Development Program K-10.
Organization: Cincinnati Public Schools, Ohio.

This project will provide a sequential, systematic program of career education that will blend with the existing curriculum; develop an experience-based curriculum which will enable students to observe the relationship between present education and future life; and promote student career development which will lead to a meaningful, tentative career selection in high school.

SB004064

Career Development Program.
Organization: Cleveland City Schools, Ohio.

The continuing career development program will provide students with the necessary experiences to make an intelligent career choice. Students will develop a strong self-concept and an interest in various phases of work, become aware of change in the world of work and of the limitations of geographical areas as far as job opportunities are concerned, gain hands-on experiences, and receive appropriate counseling and guidance.

SB004065

Career Education Program K-10.
Organization: Columbus Public Schools, Ohio.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project will teach students about the world of work and their potential career opportunities and instruct teachers how to include the world of work in their instructional program and stimulate student participation in this area. Students will receive information via the classroom, lecturers, and field experiences. Teachers will participate in inservice meetings.

SB004066

Career Development Program.
Organization: Dayton City Schools, Ohio.

The continuing career development program will provide students with the necessary experiences to make an intelligent career choice. Students will develop a strong self-concept and an interest in various phases of work, become aware of change in the world of work and of the limitations of geographical areas as far as job opportunities are concerned, gain hands-on experiences, and receive appropriate counseling and guidance.

SB004067

Career Education Program K-10.
Organization: Geneva Area City Schools, Ohio.

This project will teach students about the world of work and their potential career opportunities and instruct teachers how to include the world of work in their instructional program and stimulate student participation in this area. Students will receive information via the classroom, lecturers, and field experiences. Teachers will participate in inservice meetings.

SB004068

Career Education Program for Kirtland Local Schools.
Project Director: LaMuth, Henry
Organization: Lake County Schools, Painesville, Ohio.

The purpose of this continuing project is to aid pupils in developing proper attitudes toward all work, provide an opportunity for students to compare information about themselves with facts about occupa-

tional areas which have been studied, and assist students in developing an appropriate individual educational plan.

SB004069

Career Development Program K-10.
Organization: Lorain City Schools, Ohio.

The continuing career development program will provide students with the necessary experiences to make an intelligent career choice. Students will develop a strong self-concept and an interest in various phases of work, become aware of change in the world of work and of the limitations of geographical areas as far as job opportunities are concerned, gain hands-on experiences, and receive appropriate counseling and guidance.

SB004070

Developing Positive Attitudes Toward the Work-A-Day World.
Organization: Lucas Local School District, Ohio.
Contract and/or Control No.: CD-9-73

Through this project, students will learn the importance of adequate job training, become aware of the opportunities within the chosen occupational field, develop pride through work, select and develop a saleable skill, and become informed of the many and various vocations.

SB004071

Career Development Project.
Project Director: Carse, Constance K.
Organization: Mansfield Board of Education, Ohio.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The project will revise present curriculum to provide motivation for higher achievement and increased self-awareness, implement new teaching techniques, expand community involvement, and provide for individual and group activities to extend student knowledge and experience in the work world. Simulated and experiential activities within and outside the classroom will be used to develop understandings.

SB004072

Experimental and Pilot Program Designed to Assist in Expediting the Development of New Career Education Curricula for Grades K-10 in Ohio's Schools.
Project Director: Elam, Mary Anna
Organization: Mad River-Green Local Board of Education, Springfield, Ohio.

This project will motivate staff to generate a curriculum which will encourage children to develop positive self-concepts, an appreciation for all vocations, positive attitudes towards work, the concept of the dignity of work, an ability to make self-appraisals, an appreciation of the economic and social values of work, a knowledge of occupational choices, and an understanding of the requirements of occupations.

SB004073

Career Development Program.
Organization: Minford Local Schools, Ohio.

The continuing career development program will provide students with the necessary experiences to make an intelligent career choice. Students will develop a strong self-concept and an interest in various phases of work, become aware of change in the world of work and of the limitations of geographical areas as far as job opportunities are concerned, gain hands-on experiences, and receive appropriate counseling and guidance.

SB004074

Career Education Program K-10.
Organization: Muskingum Area Schools, Zanesville, Ohio.

This project will provide a sequential, systematic program of career education that will blend with the existing curriculum; develop an experience-based curriculum which will enable students to observe the relationship between present education and future life; and promote student career development which will lead to a meaningful, tentative career selection in high school.

SB004075

Wayne Vocational Area Career Education Model.
Project Director: Thomas, Richard E.
Organization: Orrville City School District, Ohio.

This project will provide students with information to help them choose a career. K-6 grade students will become aware of occupations in career clusters through simulation and role playing, 7-8 grade students will expand this interest through projects and field trips, and 9-10 grade students will be assisted in making self-appraisals and exploring opportunities through experience-centered activities.

SB004076

Career Development Program.
Project Director: Fricker, Robert W.
Organization: Parma City Schools, Ohio.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The continuing career development program will provide students with the necessary experiences to make an intelligent career choice. Students will develop a strong self-concept and an interest in various phases of work, become aware of change in the world of work and of the limitations of geographical areas as far as job opportunities are concerned, gain hands-on experiences, and receive appropriate counseling and guidance.

SB004077

A Career Continuum for Grades K-10.
Project Director: Besse, Charles
Organization: South-Western City School District, Grove City, Ohio.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project will continue the development of the career continuum. Students will be able to identify the interdependence and contribution of workers. Students in grades 7-8 will be oriented to the worker trait groups and fifteen USOE clusters. Students in grades 9-10 will have the opportunity for indepth exploration of careers.

SB004078

Career Motivation, Orientation and Exploration.
Project Director: Degenhart, George A.
Organization: Springfield City Schools, Ohio.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: CD-17-73

The purpose of this project is to better prepare students for economic independence in a rationally chosen career and help students develop appreciation for the dignity of work. K-6 grade students will be made aware of and motivated toward work, 7-8 grades students will survey many career areas, and 9-10 grade students will be provided with indepth experiences in several career fields.

SB004079

Career Development Program.
Organization: Toledo Public Schools, Ohio.

The continuing career development program will provide students with the necessary experiences to make an intelligent career choice. Students will develop a strong self-concept and an interest in various phases of work, become aware of change in the world of work and of the limitations of geographical areas as far as job opportunities are concerned, gain hands-on experiences, and receive appropriate counseling and guidance.

SB004080

Career Development Program.
Organization: Warren City Schools, Ohio.

The continuing career development program will provide students with the necessary experiences to make an intelligent career choice. Students will develop a strong self-concept and an interest in various phases of work, become aware of change in the world of work and of the limitations of geographical areas as far as job opportunities are concerned, gain hands-on experiences, and receive appropriate counseling and guidance.

SB004081

Willoughby-Eastlake Career Education Program.
Project Director: Cicek, Louis S., Jr.
Organization: Willoughby-Eastlake City Schools, Willoughby, Ohio.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project will teach students about the world of work and their potential career opportunities and instruct teachers how to include the world of work in their instructional program and stimulate student participation in this area. Students will receive information via the classroom, lecturers, and field experiences. Teachers will participate in inservice meetings.

Fiscal Year 1974

SB004082

Career Development.
Project Director: Fricker, Robert W.
Organization: Parma Public Schools, Ohio.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: CD-17-74

The continuing career development program will provide students with the necessary experiences to make an intelligent career choice. Students will develop a strong self-concept and an interest in various phases of work, become aware of change in the world of work and of the limitations of geographical areas as far as job opportunities are concerned, gain hands-on experiences, and receive appropriate counseling and guidance.

SB004083

Princeton Career Education Program.
Project Director: Stock, James D.
Organization: Princeton City School District, Cincinnati, Ohio.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: CD-18-74

The objectives of this project are to teach students about the world of work and potential career opportunities and instruct teachers how to include the world of work in their instructional programs and stimulate student participation in this area. Instructional materials, field trips, lecturers, and inservice training will be used.

SB004084

A Career Continuum for Grades K-10.
Project Director: Besse, Charles
Organization: South-Western City School District, Grove City, Ohio.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project will continue the development of the career continuum. Students will be able to identify the interdependence and contribution of workers. Students in grades 7-8 will be oriented to the worker trait groups and fifteen USOE clusters. Students in grades 9-10 will have the opportunity for indepth exploration of careers.

SB004085 VTP-1783

Career Development Program.
Project Director: Scherer, R. Thomas
Organization: Toledo City School District, Ohio.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to reorganize the curriculum around a career development theme, making subjects more relevant to future goals and helping students develop an intelligent approach to career options that lead to future education or employment at graduation. Career education combines the curriculum, guidance, and community resources to aid students in realizing vocational and avocational goals.

SB004086

K-10 Career Education - World of Work K-10 Continuum.
Project Director: Williams, Robert J.
Organization: Warren City Schools, Ohio.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: CD-22-74

The aim of this project is to develop a curriculum in career development which will provide motivational, orientational, and exploratory experiences for students. The curriculum will show job prerequisites and instill a positive attitude in students towards themselves and the world of work. Students will learn ways to contribute to home, school, and community.

SB004087

Willoughby-Eastlake Career Education Program.
Project Director: Cicek, Louis S., Jr.
Organization: Willoughby-Eastlake City Schools, Willoughby, Ohio.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: CD-23-74

This project will teach students about the world of work and their potential career opportunities and instruct teachers how to include the world of work in their instructional program and stimulate student participation in this area. Students will receive information via the classroom, lecturers, and field experiences. Teachers will participate in inservice meetings.

SB004088

Career Development Program.
Organization: Youngstown City Schools, Ohio.

The objectives of this project are to reorganize the curriculum around a career development theme, making subjects more relevant to future goals and helping students develop an intelligent approach to career options that lead to future education or employment at graduation. Career education combines the curriculum, guidance, and community resources to aid students in realizing vocational and avocational goals.

SB004089

Career Education Program for Kirtland Local Schools.
Project Director: LaMuth, Henry
Organization: Lake County Schools, Painesville, Ohio.
Funding Period: Start Date 1 Aug 73; End Date 31 Jul 74
Contract and/or Control No.: CD-11-74

The purpose of this continuing project is to aid pupils in developing proper attitudes toward all work, provide an opportunity for students to compare information about themselves with facts about occupational areas which have been studied, and assist students in developing an appropriate individual educational plan.

SB004090

Career Development Program.
Project Director: Gorham, Roy
Organization: Lorain City Schools, Ohio
Funding Period: Start Date 30 Jun 74; End Date 30 Jun 75

This project is designed to provide a continuum of career education in grades K-10. In grades K-6, students will be made aware of the world of work; in junior high, students will be oriented to career possibilities; and in grades 9-10, experience-centered situations will be emphasized.

SB004091 VTP-1786

A Continuation of an Experimental and Pilot Program Designed to Assist in Expediting Change and Development of Career Education Oriented Curricula for Grades K-10 in Ohio's Schools.
Project Director: Elam, Mary Anna
Organization: Mad River-Green Local Board of Education, Springfield, Ohio.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project will motivate staff to generate a curriculum which will encourage children to develop positive self-concepts, an appreciation for all vocations, positive attitudes towards work, the concept of the dignity of work, an ability to make self appraisals, an appreciation of the economic and social values of work, a knowledge of occupational choices, and an understanding of the requirements of occupations.

SB004092

Career Development Program.
Project Director: Kallner, Brenda Carol
Organization: Minford Local Schools, Ohio.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purpose of this project is to better prepare students for a career. To do so, the curriculum will be realigned to relate the program to employment opportunities, meet individual occupational interests of students, and assist each student in developing a positive self-image

and the motivation and appreciation to succeed. Techniques such as simulations, on-the-job training, and counseling will be employed.

SB004093 VTP-1875

Wayne Vocational Area Career Education Model.
Project Director: Wade, Howard E.
Organization: Orrville City Schools, Ohio.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project will provide students with information to help them choose a career. K-6 grade students will become aware of occupations in career clusters through simulation and role playing, 7-8 grade students will expand this interest through projects and field trips, and 9-10 grade students will be assisted in making self-appraisals and exploring opportunities through experience-centered activities.

SB004094 VTP-1792

Career Education in the Benton-Carroll-Salem School District.
Project Director: Thorbahn, Richard F., Jr.
Organization: Benton-Carroll-Salem Local School District, Oak Harbor, Ohio.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of this project is to meet the needs of students by providing a total Career Development Program which will help them make intelligent decisions concerning their lifework. Activities will include inservice workshops, development of local materials, establishment of multimedia materials for classroom use, and field trips and community resources to provide experiences for the students.

SB004095

Career Development Continuum K-10.
Project Director: Rannigan, Eugene P.
Organization: Canton Public Schools, Ohio.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: CD-3-74

This project is designed to provide pupils with the opportunity to experience activities which will develop in them a positive attitude toward the world of work. It is also expected that exposure to selected learning experiences will help the student gain career information consistent with individual interest and ability.

SB004096

A Proposal for Career Education in Grades K-10 in the Clear Fork Valley Schools.
Project Director: Copper, Harry
Organization: Clear Fork Valley Local Schools, Bellville, Ohio.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: CD-5-74

This project will build positive attitudes towards work, increase student awareness of vocations, and enable students to assess their own interests and abilities regarding career choices. Field trips, puppetry, role playing, class discussions, videotapes, and hands-on experiences will be employed.

SB004097 VTP-1753

Career Education K-10.
Project Director: Briggs, Richard
Organization: Columbus Public Schools, Ohio.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project will provide a sequential, systematic program of career education that will blend with the existing curriculum; develop an experience-based curriculum which will enable students to observe the relationship between present education and future life; and promote student career development which will lead to a meaningful, tentative career selection in high school.

SB004098

Career Development Program.
Project Director: Reynolds, James O,
Organization: Dayton City Schools, Ohio.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: CD-8-74

The purpose of this project is to construct a motivational base upon which the student will develop occupational awareness, further develop career interests, and develop a self-concept. The student will develop an awareness, appreciation, preparation, and interest for work.

SB004099 VTP-1754

A Career Education Program Proposal.
Project Director: Miller, Larry
Organization: East Muskingum Local Schools, New Concord, Ohio.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to increase awareness of aptitudes and interests; increase student motivation to be a part of the world of work; increase student knowledge of occupations related to the various academic subjects; provide firsthand experiences in occupational areas of student interest; and increase teacher participation in the career education instructional activities, such as field trips, guest speakers, filmstrips, and tape recordings.

SB004100 VTP-1788

A Proposal to Continue Development of a Pilot Project in Career Education (K-10) for a Third Year.
Project Director: Veverka, Eugene A.
Organization: Geneva Area City School District, Ohio.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to aid all students in gaining occupational awareness, give students a better foundation for later career and educational program choices, assist students to better understand their own potential, and aid all teachers in the subject matter being taught. K through sixth grades will incorporate activities related to each of the seven developmental areas, seventh and eighth graders will focus on career orientation, and ninth and tenth graders will focus on clusters most applicable to individual students.

Fiscal Year 1975

SB004101 VTP-1779

The Minford Local Schools Career Development Program.
Project Director: Rogers, William F.
Organization: Minford Local Schools, Ohio.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to include in the present program more realistic activities which relate to employment opportunities, meet the individual occupational interests of the students, and assist each student in developing a positive self-image and the motivation and appreciation to succeed in the working world. The program will include actual observation, on-the-job experiences, guest speakers, and multimedia. Checklists and questionnaires for students, teachers, and administrators will be used.

SB004102

Career Development Program.
Organization: Lorain City Schools, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

SB004103

Career Development Program.
Organization: East Muskingum Local School District, New Concord, Ohio.

This project will provide students with educational experiences which will assure that they discover and develop career attitudes and interests. Experiences will be provided which will stimulate and help prepare students to make realistic decisions about career opportunities. Films, recordings, books, field trips, interviews, and observations will be used.

SB004104

Career Development Program.
Organization: Columbus City Schools, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occu-

pational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

SB004105 **VTP-1787**

Career Development Program sCD-14-75.
Project Director: LaMuth, Henry
Organization: Kirtland Local Schools, Ohio.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to foster in each child a healthy respect for work and for other people, provide opportunity for students to compare what they have discovered about themselves with workers in the fifteen occupational clusters, and provide students with an experiential base for developing an educational plan for themselves relative to their potential abilities and interests.

SB004106

Career Development Program.
Organization: Mad River-Green Local Schools, Springfield, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

SB004107

Career Development Program.
Organization: Orrville City Schools, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

SB004108 **VTP-1784**

Career Development Program sCD-26-75.
Project Director: Davidoff, Ronald
Organization: Stow City Schools, Ohio.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

SB004109

Career Development Program.
Project Director: Thomas, Robert
Organization: Boardman Local School District, Youngstown, Ohio.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project will infuse the seven developmental areas and the fifteen USOE clusters into the curriculum and guidance-centered activities and establish simulated or actual occupational explorations. Activities will include inservice programs for staff, identification and use of community resources, a "World of Work" day, and a Career Education Speakers' Day.

SB004110

Career Development Program.
Organization: Akron City Schools, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

SB004111 **VTP-1781**

A Proposal for Career Education in Grades K-10 in the Clear Fork Valley Schools.
Project Director: Moran, Linda
Organization: Clear Fork Valley Local Schools, Bellville, Ohio.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to build positive attitudes toward work, increase student awareness of vocations, and enable students to assess their own interests and abilities in regard to career education. The project will be divided into three components aimed at K through sixth, seventh, and eighth, and ninth and tenth graders.

SB004112 **VTP-1780**

Career Development Program, K-10.
Project Director: Carse, Constance K.
Organization: Mansfield Board of Education, Ohio.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to provide students with motivation for higher achievement and increased self-awareness, implement new teaching techniques, and provide for individual and group activities to extend the students' knowledge and experience in the world of work. Students will explore a wide range of occupations through field trips, interviews, audiovisual and printed materials, and simulated and actual work experiences. Standardized tests will be administered to the students, and questionnaires will be used to survey attitudes and opinions of all involved participants.

SB004113

Career Development Program.
Organization: Springfield City Schools, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

SB004114 **VTP-1794**

Career Education Program K-10.
Project Director: Diley, James M., Jr.
Organization: Scioto-Darby City Schools, Board of Education, Hilliard, Ohio.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to provide individuals with increased ability to make relevant decisions about life, integrate into the curriculum an educational program that is student centered and career related, and provide a program that will familiarize the student with the everyday world of work. Evaluation activities will include questionnaires, measurement of program objectives, conferences, and maintenance of activity records.

SB004115 **VTP-1793**

Cleveland Heights-University Heights Career Awareness and Education Program.
Project Director: Singer, Belva A.
Organization: Cleveland Heights-University Heights City School District, Cleveland Heights, Ohio.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project will help students relate academic and career pursuits without jeopardizing the humanistic concepts of either, relate self to potential and opportunities within all disciplines, have community resources available for on-the-job experience, and be involved with parents and community in analysis of career planning. Course guides will be revised, inservice training will be provided, and questionnaires will be administered.

SB004116

Career Education in the Benton-Carroll-Salem School District.
Project Director: Thorbann, Richard F., Jr.
Organization: Benton-Carroll-Salem Local School District, Oak Harbor, Ohio.

The purpose of this project is to provide a program which will help students make intelligent decisions concerning possible careers. This will be accomplished through inservice for teachers, administrators,

and community representatives; development of materials; use of multimedia materials, field trips, and community resources; and inclusion of the community in the planning and implementation of the program.

SB004117

Career Development Program.
Organization: Cleveland Public Schools, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

SB004118 **VTP-1790**

Demonstration Project in Career Development Grades K-10.
Project Director: Ford, Jack D.
Organization: Cincinnati City School District, Ohio.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to modify the curriculum in grades K-10 so that students gain a knowledge of career opportunities. K through sixth graders will gain general knowledge and attitudes about work, seventh and eighth graders will be oriented to major job fields and have try-out experiences, and ninth and tenth graders will be scheduled into try-out experiences in self-selected vocational laboratories.

SB004119

Career Development Program.
Organization: Dayton City Schools, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

SB004120

Career Development Program.
Organization: Geneva Area City Schools, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

Fiscal Year 1976 - No Projects Reported

Fiscal Year 1977

SB004121

Career Development Program.
Organization: Akron City Schools, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

SB004122

Career Development Program.
Organization: Boardman City Schools, Youngstown, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

SB004123

Career Development Program.
Organization: Dayton City Schools, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

SB004124

Career Development Program.
Organization: Kirtland Local Schools, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

SB004125

Career Development Program.
Organization: Lorain City Schools, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

SB004126

Career Development Program.
Organization: Minford Local Schools, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

SB004127

Career Development Program.
Organization: Clear Fork Valley Local Schools, Bellville, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

SB004128

Career Development Program.
Organization: Delaware City Schools, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

SB004129

Career Development Program.
Organization: Sidney City Schools, Ohio.

The goals of this project are to develop in elementary students an awareness of the importance and variety of occupations in society; promote career interest in junior high students by introducing occupational clusters; and maximize learning transfer through an integrated program of classroom, hands-on, and observational experiences relative to specific career clusters. Activities related to the developmental areas will be incorporated in the curriculum.

OKLAHOMA

Part C

Fiscal Year 1971

SB004130 **VTP-395**

A Comparative Study of Federally Reimbursed with Non-Federally Reimbursed Business Education Programs in Oklahoma.
Project Director: Griffith, B.B.
Organization: Oklahoma State Univ., Stillwater. Research Foundation.
Funding Period: Start Date 1 Jun 70; End Date 30 Jun 71

The purposes of this study are to determine if the funds provided by the 1963 Vocational Education Act have improved business education programs of instruction and make recommendations for future allocation of resources to business education. The data for this study will be obtained from a follow-up of about 200 business education graduates of both federally and non-federally reimbursed programs and from employers of those students identified by the schools to be included in the study.

SB004131 **VTP-389**

Levels of Sound and Their Relationship to Audio Communications in Selected Agricultural Mechanics Facilities and Instructional Programs.
Project Director: Shell, Lon R.
Organization: Oklahoma State Univ., Stillwater. Dept. of Agricultural Education.
Funding Period: Start Date 1 Jan 71; End Date 30 Jun 71

The purpose of this study is to measure the sound levels emitted by machines and activities in selected agricultural mechanics facilities. This data will be used to ascertain what sound levels can be tolerated without impairing adequate audio communication and what kinds of sounds are objectionable. Students and instructors will identify annoying sounds through questionnaires.

SB004132 **VTP-399**

Mini-Grants, 1970-1971–Teachers with Ideas in Action.
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Research, Planning, and Evaluation.
Funding Period: Start Date 20 Apr 71; End Date 30 Jun 72

The purpose of this project is to give teachers seed money to develop new ideas for improving teaching methods, techniques, materials, resources, or other facets of vocational and technical education. Projects will be approved and supervised by the state. The director will have general supervision over research aspects, assist with data analysis, and collect and approve project reports.

SB004133 **VTP-407**

Innovations in Reporting and Evaluationg Home Projects.
Project Director: Sikes, Patricia J.
Organization: C. E. Donart Senior High School, Stillwater, Okla.
Funding Period: Start Date 15 Apr 71; End Date 15 Apr 72

The objective of this project is to stimulate interest in home economics projects through the use of audiovisual techniques. Students will take pictures and record a tape on their projects. The pictures will be used for bulletin boards, presentations, and teaching purposes. Statistical comparisons will be made between a control group and two experimental groups, and between grade levels.

SB004134 **VTP-397**

Preparation of Instructional Material for a Two Semester Sequence of Technical Mathematics in an Engineering Technology Curriculum.
Project Director: Jones, L.D.
Organization: Tulsa Junior Coll., Okla. Scientific and Medical Division.
Funding Period: Start Date 1 Jun 71; End Date 30 Jun 72

The purpose of the project is to provide the student with a general knowledge of mathematics in several areas in a short time. A related concepts approach will introduce students to the concepts needed early in a technical program. The project will include writing, testing, evaluating, and revising the instructional material.

SB004135 **VTP-388**

Development and Testing of Modern Electronic Devices Lecture and Laboratory Modules.
Project Director: Yeager, Dewey A.
Organization: Oklahoma State Univ. Stillwater. Dept. of Technical Education.
Funding Period: Start Date 1 Sep 71; 30 Jun 72

The purpose of this study is to develop and test instructional modules for those modern electronic devices not now taught in many junior college electronic technician training programs. The feasibility of the program will be studied concurrently. The modules developed will provide a principle-oriented operational base upon which to build educational programs.

SB004136 **VTP-387**

Career Orientation for Elemeatary Grades K-6.
Project Director: Mitchell, Don
Organization: Oklahoma State Univ., Stillwater.
Funding Period: Start Date 1 Jan 71; End Date 30 Dec 71

The purpose of this project is to establish Phase I of the total project by making a study of elementary and secondary teachers and school administrators to acquire information to be used in planning career orientation programs. This three-phase plan will consist of an attitudinal study, a summer institute, and establishment of exemplary programs at various locations.

SB004137 **VTP-409**

Increasing Student-Teacher Ratio in a Core Health Occupation Curriculum.
Project Director: Harned, Thomas Lee
Organization: Northern Oklahoma Coll., Tonkawa. Div. of Health Occupations.
Funding Period: Start Date 1 Jun 71; End Date 31 May 72

The purpose of this project is to assess the feasibility of increasing the number of students per teacher without losing student achievement so that more freshmen can be admitted to the nursing program. This program is expected to provide a multimedia skill center for acquiring basic motor skills for patient care and improve the efficiency of the teaching-learning process in a core health occupations program.

SB004138 **VTP-408**

The Development of Norms and Guidelines for Guidance and Placement Criteria for Prospective Occupational-Technical Students.
Project Director: Burson, G. E.

Organization: Northern Oklahoma Coll., Tonkawa.
Funding Period: Start Date 9 Sep 71; 31 Aug 75

The purpose of this study is to develop a set of norms and guidelines for occupational-technical program counseling. Entering students indicating any interest in occupational-technical programs will be tested. Follow-up materials will be developed both for students who graduate and for students who do not complete college to find out what occupation they enter. Statistical analysis will be made, and correlations will be studied.

SB004139 **VTP-533**

Developing a Model for the Use of a Research Utilization Specialist for an Area Vocational-Technical School.
Project Director: Gardner, Glen M.
Organization: Kiamichi Area Vocational-Technical School District 7, Okla.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 73

The three major objectives of this project are to develop a liaison between local vocational educators and the state RCU in disseminating research findings and identifying local problems requiring research, assist the local vocational teacher in locating available research that will assist in solving problems, and initiate local research studies and conduct this research to solve problems unique to one local school area.

SB004140 **VTP-442**

A Professional Internship in Vocational Agriculture Occupational Training (VAOT).
Project Director: Terry, Robert
Organization: Oklahoma State Univ., Stillwater. Dept. of Agricultural Education.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 72

This project will focus on establishing five VAOT programs, providing five agricultural education graduates with directed experience in implementing and operating the programs, and determining the impact of the project upon the participants and the programs. Each intern will establish and conduct a program and conduct an evaluation and follow-up of it.

SB004141 **VTP-608**

Developing a Model Research Center for a Local or Area Vocational-Technical Institution.
Project Director: Hopper, John H.
Organization: Central Oklahoma Area Vocational-Technical School District 3, Okla.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 73

This pilot program will test the effectiveness of a research person as a part of the personnel of an area vocational and technical school district and develop a model operational procedure for such a person. The person would determine problems, identify valid research, evaluate project results, and assist in developing and testing solutions for identified local problems.

SB004142

A Model Guidance Program to Elicit Quantifiable Results.
Project Director: Vernard, Murl
Organization: Oklahoma State Dept. of Education, Oklahoma City. Div. of Vocational-Technical Education.
Funding Period: Start Date 15 May 72; End Date 1 Jun 73

This project seeks to develop a model guidance program in terms of goals, quantifiable objectives, and activities designed to attain the objectives for each of the three educational levels in Oklahoma public schools. During a one-week workshop, three task forces of approximately eight counselors each will develop, in rough form, the comprehensive models for their teaching levels.

SB004143

Developmental Child Care: A Child Development Program for Children and Their Mothers.
Project Director: Polk, Lenorah
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Home Economics
Funding Period: Start Date 1 May 72; End Date 31 Mar 73

The purpose of this project is to enhance young children's life quality through appropriate, stimulating home and family environment while increasing parent competencies in child development and child guidance. Objectives include preparing mothers to implement principles of child development and mobilizing professional resources from collaborating agencies to provide special training, home visits, and parent meetings.

SB004144 **VTP-766**

Slide Series for Distributive Education II and Distributive Education III Courses of Study.
Project Director: Morrison, Frank
Organization: College High School, Bartlesville, Okla.
Funding Period: Start Date 15 Jun 72; End Date 15 Jun 73

The purpose of this project is to develop and make available slides for seven of the units in Distributive Education II and III curriculum guides which have already been developed. The project director will be responsible for coordinating the slides with the units. The plan of work will be reviewed, and each set of slides wil be evaluated.

SB004145 **VTP-621**

Proposal for the Study of the Industrial Arts Teacher Education Programs in Oklahoma Colleges and Universities.
Project Director: Winburn, Harold
Organization: Oklahoma Council of Industrial Arts Teacher Educators.
Funding Period: Start Date 1 Apr 72; End Date 30 Jun 73

To meet the challenge of developing a new approach to training industrial arts teachers, a task force will be formed. The task force will identify the personal qualities and expertise needed to teach industrial arts career education at the junior and senior high levels, determine the feasibility of an industrial arts certificate for both levels, and recommend a teacher education program. The task force will conduct a series of two-day workshops and survey teachers, educators, and administrators.

SB004146 **VTP-558**

A Follow-Up Study of Tulsa Public School Graduates.
Project Director: McCloud, Paul I.
Organization: Tulsa Independent School District 1, Okla.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 73

The aim of this study is to continue the follow-up study of the class of 1970 from all Tulsa high schools. This will entail mailing of the second, third, and fourth follow-up letters and questionnaires. A graduate research assistant will be responsible for devising the questionnaire, supervising the gathering and compiling of data, and analyzing and reporting the findings.

SB004147 **VTP-557**

A Comparison of Selected Factors Which are Associated with the Initiation and Operational Procedures of A Course in Specialized Agricultural Mechanics.
Project Director: Juby, Marcus L.
Organization: Oklahoma State Univ., Stillwater. Dept. of Agricultural Education.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 72

The purpose of this study is to obtain indications as to why some agricultural mechanics departments initiate new programs and continue to operate successfully while others are forced to phase out. Thirty schools will be selected by stratified random sample. Questionnaires and personal interviews will be used to obtain the information needed.

SB004148 **VTP-486**

Construction and Evaluation of A Career Development Program in Agricultural Occupations for Advantaged and Less-Advantaged Rural Youth.
Project Director: Price, Robert R.
Organization: Oklahoma State Univ., Stillwater. Dept. of Agricultural Education.
Funding Period: Start Date 1 Oct 71; End Date 30 Jun 72

The objective of this project is to construct, implement, and evaluate a career development in agricultural occupations for advantaged and less advantaged rural youth. A set of career units, a set of units to help students assess their own characteristics, and a set of units designed around the concept of career development will be developed. Gaming techniques will be used to involve students in simulated decision-making situations.

SB004149

Career Orientation for the Elementary Schools of Oklahoma.
Organization: Sand Springs Independent School District, Okla.
Descriptive information unavailable.

Fiscal Year 1972 - Funding Supported the Research Coordinating Unit

Fiscal Year 1973

SB004150 VTP-874

Mobility Program in the Health Field.
Project Director: Jamison, Patricia
Organization: Oklahoma State Dept. of Vocational and Technical Education, Oklahoma City. Div. of Health Occupations.
Funding Period: Start Date 1 Oct 72; End Date 1 Mar 73

The objectives of this project are to design an upward mobility program which will provide the necessary arrangement so that individual advancement in the nursing field may be facilitated and secure administrative agreement on the arrangements necessary to provide credit for previous training and experience.

Fiscal Year 1974 - No Projects Reported

Fiscal Year 1975

SB004151

The Relationship of Selected Teacher Characteristics to Program Success.
Project Director: DeGuglielmo, Bob
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Research, Planning, and Evaluation.

The purpose of this study is to identify teacher variables which are related to a successful program–as measured by the evaluation product index. Teachers of the 160 Oklahoma programs with product indexes will be asked to volunteer to complete three personality instruments: "California Psychological Inventory," "Personal Orientation Inventory," and the "Fundamental Interpersonal Relations Orientation-Behavior."

SB004152

A Study of the Validity of Selected Vocational Curriculum Guides.
Project Director: DeGuglielmo, Bob
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Research, Planning, and Evaluation.

This summative evaluation of Agriculture I, Agriculture III, Agriculture IV, Auto Mechanics, Business and Office, Child Development, Distributive Education III, Home Economics I, Machine Shop, Practical Nursing, Residential Carpentry, and Welding will appraise the usefulness in vocational education programs of those twelve curriculum guides developed by the Curriculum and Instructional Materials Center of the State Department of Vocational and Technical Education.

SB004153

Data Processing Occupation Training Needs for High School Graduates in Oklahoma City and Tulsa Labor Market.
Project Director: Adams, Marsha
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Research, Planning, and Evaluation.

The objective of this project is to determine the training needed by secondary students for entry into data processing jobs. In a survey instrument to be sent to firms who utilize computers in Oklahoma City and Tulsa, employers will be asked to list occupations in the data processing field for which they would employ appropriately trained high school graduates.

SB004154

Occupational Training Information System, Cycle VII.
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Research, Planning, and Evaluation.
Descriptive information unavailable.

SB004155

A Study of the Needs of Oklahoma Citizens for Information About Vocational-Technical Education.
Project Director: DeGuglielmo, Bob
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stilwater. Div. of Research, Planning, and Evaluation.

The objective of this study is to identify the kinds of information the public wants about vocational and technical education. Volunteers representative of a wide range of occupations and all geographic areas of the state will participate in the study through either the Delphi technique or a task force procedure.

SB004156

Survey of Vocational Teachers Who Resigned Teaching Jobs in 1974.
Project Director: Adams, Marsha
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Research, Planning, and Evaluation.

The survey will apprise State Department of Vocational and Technical Education officials of problems faced by vocational teachers who resigned teaching in 1974. The survey instrument will have forty-seven items grouped into seven broad areas: salary, advancement and security, administration and supervision, family situation, teaching situation, community situation, and miscellaneous.

SB004157

An Analysis of Oklahoma Health Manpower Needs.
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Research, Planning, and Evaluation.

The purpose of this survey by the Oklahoma Interagency Task Force for Health Manpower Data is to provide comprehensive, relevant data on three categories of occupations: usually self-employed, emerging, and employed. Procedures will include evaluating and revising the 1973 survey and separating information gathered according to the state's eleven state planning regions to yield a one- and five-year employment forecast for each occupation.

SB004158

A Mobility Study of Oklahoma Vocational Graduates from High School.
Project Director: Morton, J. B.
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Research, Planning, and Evaluation.

The project aims to determine the number and percentage of secondary, postsecondary, and full-time adult graduates of vocational and technical programs who find employment or are seeking employment in the same geographic region of their graduation and the number and percentage who leave the region to seek employment in each of the eleven substate planning regions.

SB004159

An Analysis of Training Needs for Machine Shop Numerical Control Personnel.
Project Director: Morton, J.B.
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Research, Planning, and Evaluation.

This survey will be the basis for determining the feasibility of purchasing numerical control machinists' tools for use in training machinists. A questionnaire will be designed to show the present level of employment of numerical control personnel and upgraded adult machinists, the anticipated one- and two-year demand levels, and the anticipated use of retraining facilities, if available.

SB004160

Individual School District Profiles as Compiled from First Count Census Data.
Project Director: Hopkins, Charles O.
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Research, Planning, and Evaluation.

Funding Period: Start Date 1 Sep 73; End Date 1 Sep 76

The purpose of this project is to develop a management information system that will provide a comprehensive demographic analysis of a specified school district. Procedures will include (1) identical scaling of enumeration census maps and school district maps, (2) interfacing the maps, (3) involving a computer for area calculation, (4) developing prorating factors, and (5) manipulating census data to form individual school district profiles.

Fiscal Year 1976

SB004161

Intensive Follow-Up of Auto Mechanics Graduates.
Project Director: Morton, J. B.
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater.
Funding Period: Start Date 1 Oct 75; End Date 15 Dec 75

This project will better define employment status to develop definitions for use in determining the related occupation or unrelated occupation in the Student Accounting System. Auto mechanics teachers in sixty-seven secondary programs will be asked to provide as accurately as possible a description of job title and duties for each employed graduate.

SB004162

The Effectiveness of the Oklahoma State Department of Vocational Technical Education Mobile Computer Graphics Laboratory as Perceived by Students and Faculty.
Project Director: Hopkins, Charles O.
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Research, Planning, and Evaluation.
Funding Period: Start Date 1 Jan 76; End Date 1 Jan 77

The purpose of this project is to conduct a summative evaluation of the mobile computer graphics laboratory and its associated curriculum. Specific objectives are to determine the extent and nature of attitudinal changes relating to computer graphics within drafting and design students in colleges which use the laboratory and to assess the laboratory's effectiveness, as perceived by instructors who use it.

SB004163

Individual School District Profiles as Compiled from First Count Census Data.
Project Director: Hopkins, Charles O.
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater.
Funding Period: Start Date 1 Sep 73; End Date 1 Sep 76

The purpose of this project is to develop a management information system that will provide data for planning within local school districts. The specific objective of this management information system is to provide state and local education decision makers with a comprehensive analysis of the characteristics of the population within a specified school district.

SB004164

A Survey of the Planning Resources Available to Local Administrators in Planning for Vocational Education Programs.
Project Director: Tontz, Len
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater.
Funding Period: Start Date 1 Jan 76; End Date 31 Aug 76

The aim of this project is to identify the planning resources (information, time, money, etc.) available to local school administrators in planning for vocational programs. The study will measure the use and perceived value of these resources and will correlate the findings with size of school and experience level of the administrator. Superintendents of the 462 independent school districts will be surveyed.

Fiscal Year 1977

SB004165 **VTP-2864**

The Demand for and Supply of Vocational and Technical Education to Teachers in Oklahoma; 1978-1982.
Project Director: Morton, J. B.
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Research, Planning, and Evaluation.
Funding Period: Start Date 1 May 77; End Date 15 Jul 77

The project is designed to determine the demand for and supply of vocational and technical education teachers for 1977 through 1982. Specific objectives are to determine: (1) the number of projected new programs by division and program, (2) teacher turnover rates by divison and by program, and (3) the projected number of new teachers in teacher training institutions that will be available to fill teaching jobs.

SB004166 **VTP-2865**

Parallel Follow-Up, 1976
Project Director: Morton, J. B.
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Research, Planning, and Evaluation.
Funding Period: Start Date 1 Sep 76; End Date 15 Jun 77

The purpose of the project is to determine; (1) if the present system of gathering follow-up data on graduates of secondary vocational programs is adequate, considering costs of methods now used; (2) graduates' evaluation of the program's curriculum, facilities, equipment, instruction, and placement assistance; and (3) employers' evaluation of the quality and quantity of work skills and performance by the graduates.

SB004167 **VTP-2862**

Comprehensive Follow-up of 1971-72 PN Graduates that are not Available for the Labor Market.
Project Director: Morton, J. B.
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Research, Planning, and Evaluation.
Funding Period: Start Date 15 Feb 77; End Date 1 Sep 77

The project intends to find out why such a high percentage of practical nursing (PN) graduates drop out of the labor market five years after graduation. Specific objectives are to determine the number and percentage of PN graduates who are (1) employed in an unrelated area, (2) employed part time, (3) unemployed and not seeking employment, and (6) unemployed and seeking employment.

SB004168

Comprehensive Follow-Up of Health Services Careers Graduates.
Organization: Oklahoma Vocational Research Coordinating Unit, Stillwater.

The purpose of this study is to make comparisons of the 1976 graduates' occupations, fields of continuing education, and other situations. The objectives are to determine the occupations and fields of study that Health Services Careers students enter after graduation and then determine the variation of occupations and fields of study in relation to one- and two-year programs.

SB004169

The Adult Needs Assessment in Oklahoma.
Organization: Oklahoma Vocational Research Coordinating Unit, Stillwater.

The purpose of the adult needs assessment is to examine the perceived needs of adults in Oklahoma for vocational and technical education. The objectives of the study include determining the amount of adult interest in skill training and leisure time education, characteristics of the population to be served, and factors that influence adult interest in skills training and leisure time education.

Part D

Fiscal Year 1970

SB004170

To Develop a Truck Driver Training Course for the Central Oklahoma Area Vocational-Technical District 3.
Project Director: Hopper, John
Organization: Central Oklahoma Area Vocational-Technical District 3, Drumright.

Funding Period: Start Date 1 Feb 70; End Date 30 Jun 70
Contract and/or Control No.: CP-11

The purpose of the project is to develop a training program to teach qualified students the skills necessary for local and over-the-road truck driving jobs and management procedures of owning and operating trucks for hire. The primary objective is to develop educational strategies for a program designed to teach qualified adults and out-of-school youth the skills necessary to become gainfully employed in the transportation industry.

SB004171

Development of Criteria for the Selection of Students for Indian Capital Area Vocational-Technical School.
Project Director: Doss, J. Karl
Organization: Indian Capital Area Vocational-Technical School, Okla.
Contract and/or Control No.: CP-44

The aim of this three-year program is to provide greater insight into occupational requirements, better communication between the vocational and technical school and the district school in student personnel services, common guidelines for counseling, and rapport between the area and district schools. Five meetings will be held for orientation and organization, discussion with advisory committee, field trips, summarization, and refining and editing.

SB004172

Vocational-Technical Orientation of High School Students.
Project Director: Haire, Arvle A.
Organization: Caddo-Kiowa Area Vocational-Technical School District 2, Ft. Cobb, Okla.
Funding Period: Start Date 13 Apr 70; End Date 22 May 70
Contract and/or Control No.: CP-70

The purpose of this program is to provide high school-age students with an opportunity to experience training programs with a small investment of time and expense for evaluation of interests and aptitudes. Students will be encouraged to enroll in twelve-week adult evening classes to assess their interests and aptitudes in terms of the training program. Students will then decide whether to enroll in the regular day school.

SB004173

Research Proposal for Distributive Education Program.
Organization: Northeast Oklahoma Vocational-Technical School.

Descriptive information unavailable.

SB004174

An Exemplary Summer School Program in Occupational Orientation.
Project Director: Stone, Jack
Organization: Southern Oklahoma Area Vocational-Technical School, Ardmore.
Funding Period: Start Date 8 Jun 70; End Date 17 Jul 70
Contract and/or Control No.: CP-107

The purpose of this project is to provide a six-week summer session where students served by the Southern Oklahoma Area Vocational-Technical Center can receive orientation in and test their aptitudes for as many as three skill areas. Six departments will be in operation, with students spending no more than two weeks in one department. Students who attend for the full six weeks will receive one-half unit of high school credit.

SB004175

Opportunity Made Available for Up-Grading of Health Occupations.
Organization: Midwest City Vocational School of Practical Nursing, Okla.
Funding Period: Start Date 1 Jun 71; End Date 30 Sep 72
Contract and/or Control No.: CP-258

This project seeks to start a program of practical nursing from three o'clock to nine o'clock in the evening to provide the opportunity for nurses' aides and other working individuals to upgrade themselves. The objective is to train graduate practical nurses prepared to practice nursing safely, efficiently, and effectively by using basic scientific principles and skills and function as a member of the health team.

SB004176

The Development and Implementation of Exemplary Medical and Legal Secretarial Options Within the Secretarial Science Course of Study.
Project Director: Taylor, Joe
Organization: Oklahoma State Tech., Okmulgee. Dept. of Business Education.
Funding Period: Start Date 1 Jun 71; End Date 30 May 72
Contract and/or Control No.: CP-235

The purpose of this project is to develop effective training programs for medical and legal secretaries which can serve as program models. Specific objectives include determining the feasibility of developing the programs from a common core of secretarial science subjects and determining the most effective way to obtain cooperative job experiences.

SB004177

Core Curriculum Development for Vocational Agriculture Training Program for State of Oklahoma.
Project Director: Meek, Ronald
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Curriculum and Instructional Materials Center.
Contract and/or Control No.: CP-31

The aim of this four-year project is to provide curriculum material correlated with the basic core curriculum in vocational agriculture. Teaching information and aids will include an instructor's manual with complete teaching units for each phase of the four vocational agriculture courses including supplemental materials, overlays, instructional illustrated materials, and a list of references for each. Advisory committees will approve and evaluate each unit.

SB004178

A Multiple Teacher Vocational Agriculture Department for Lawton Public High Schools.
Project Director: Bicket, Marvin
Organization: Lawton Public Schools, Okla.
Funding Period: Start Date 1 Sep 69; End Date 30 Jun 72
Contract and/or Control No.: CP-35

The goal of the project is to develop a system whereby a multiple-teacher vocational agriculture department can serve students of the three Lawton high schools. Each subject will be taught by the teacher with greatest expertise in that area. Project staff will also develop and try guidelines to determine the feasibility of a Future Farmers of America chapter for the entire school system and explore procedures for maximizing the use of the school farm laboratory.

SB004179

A Two-Year Post-Secondary Vocational-Technical Home Economics Program.
Project Director: Ables, Joe W.
Organization: Northeastern Oklahoma A and M Coll., Miami.
Contract and/or Control No.: CP-71

The purpose of this project is to develop two-year postsecondary programs in care and guidance of children, fashion design and merchandising, and food management. Specific objectives include enabling participants to improve their employment competencies through a program of advanced specialization and instruction in managerial responsibilities, allowing the participants to enter the labor market or continue their education, assisting in supplying the manpower needs of northeast Oklahoma, and offering the programs to adults.

SB004180

An Exemplary Program for the Training and Supervision of Disadvantaged Students
Project Director: Beck, Wesley, Jr.
Organization: Stillwater City Schools, Okla.
Contract and/or Control No.: CP-52

This program intends to provide occupational training, placement, and on-the-job counseling for disadvantaged or handicapped students who have dropped out or who are unable to succeed without special assistance. Specific objectives include training the target population for maintenance positions in media (closed circuit television and other audiovisual equipment), finding placements in the community, and providing a two-way video instructional system from school to home for the severely handicapped who are unable

to attend classes.

SB004181

A High School Health Service Careers Class and Day Care Center.
Project Director: Stokes, Marvin W.
Organization: Byng School District I-16, Ada, Okla.
Contract and/or Control No.: CP-5

This three-year project intends to offer a two-year program designed to prepare students for health service careers by providing career awareness in health occupations and professions and training for assistants' roles in medicine or dentistry. The project will operate a day care center to provide training in working with three- and four-year-olds and a sheltered work experience in child care for students in grades 7-10.

SB004182

Occupational Orientation in the "World of Construction."
Project Director: Sizemore, Bowlan
Organization: Oklahoma City Public School System, Okla.
Funding Period: Start Date 18 Jan 71; End Date 27 May 71
Contract and/or Control No.: CP-230

This project proposes to conduct two pilot programs in occupational orientation in "The World of Construction," one with a majority of disadvantaged students. The course will enable students to develop work attitudes and cognitive and psychomotor skills and will provide laboratory and classroom experiences where students can engage in construction practices, experiments, and role playing.

SB004183

Basic Skills Development Center.
Project Director: Smith, Roger
Organization: Tulsa Junior Coll., Okla.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 72
Contract and/or Control No.: CP-145

This addendum provides for equipment for the basic skills development program and one-half of the teacher's salary for teaching the basic occupational orientation phase of the program. The program includes courses in reading, writing, math, and humanities.

Fiscal Year 1971

SB004184

The Development and Implementation of Exemplary Medical and Legal Secretarial Options Within the Secretarial Science Course of Study.
Project Director: Taylor, Joe
Organization: Oklahoma State Tech., Okmulgee. Dept. of Business Education.
Funding Period: Start Date 1 Jun 71; End Date 30 May 72

The purpose of this project is to develop effective and efficient training programs for medical and legal secretaries which can serve as program models. Specific objectives include determining the feasibility of developing the programs from a common core of secretarial science subjects and determining the most effective way to obtain cooperative job experiences.

SB004185

Core Curriculum Development for Vocational Agriculture Training Program for State of Oklahoma.
Project Director: Meek, Ronald
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Curriculum and Instructional Materials Center.
Contract and/or Control No.: CP-31

The aim of this four-year project is to provide curriculum material correlated with the basic core curriculum in vocational agriculture. Teaching information and aids will include an instructor's manual with complete teaching units for each phase of the four vocational agriculture courses including supplemental materials, overlays, instructional illustrated materials, and a list of references for each. Advisory committees will approve and evaluate each unit.

SB004186

A Multiple Teacher Vocational Agriculture Department for Lawton Public High Schools.
Project Director: Bicket, Marvin
Organization: Lawton Public Schools, Okla.
Funding Period: Start Date 1 Sep 69; End Date 30 Jun 72
Contract and/or Control No.: CP-35

The goal of the project is to develop a system whereby a multiple-teacher vocational agriculture department can serve students of the three Lawton high schools. Each subject will be taught by the teacher with greatest expertise in that area. Project staff will also develop and try guidelines to determine the feasibility of a Future Farmers of America chapter for the entire school system and explore procedures for maximizing the use of the school farm laboratory.

SB004187

A Two-Year Post-Secondary Vocational-Technical Home Economics Program.
Project Director: Ables, Joe W.
Organization: Northeastern Oklahoma A and M Coll., Miami.
Contract and/or Control No.: CP-71

The purpose of this project is to develop two-year postsecondary programs in care and guidance of children, fashion design and merchandising, and food management. Specific objectives include enabling participants to improve their employment competencies through a program of advanced specialization and instruction in managerial responsibilities, allowing the participants to enter the labor market or continue their education, assisting in supplying the manpower needs of northeast Oklahoma, and offering the programs to adults.

SB004188

An Exemplary Program for the Training and Supervision of Disadvantaged Students.
Project Director: Beck, Wesley, Jr.
Organization: Stillwater City Schools, Okla.
Contract and/or Control No.: CP-52

This program intends to provide occupational training, placement, and on-the-job counseling for disadvantaged or handicapped students who have dropped out or who are unable to succeed without special assistance. Specific objectives include training the target population for maintenance positions in media (closed circuit television and other audiovisual equipment), finding placements in the community, and providing a two-way video instructional system from school to home for the severely handicapped who are unable to attend classes.

SB004189

A High School Health Service Careers Class and Day Care Center.
Project Director: Stokes, Marvin W.
Organization: Byng School District I-16, Ada, Okla.
Contract and/or Control No.: CP-5

This three-year project intends to offer a two-year program designed to prepare students for health service careers by providing career awareness in health occupations and professions and training for assistants' roles in medicine or dentistry. The project will operate a day care center to provide training in working with three- and four-year-olds and a sheltered work experience in child care for students in grades 7-10.

SB004190

Occupational Orientation in the "World of Construction."
Project Director: Sizemore, Bowlan
Organization: Oklahoma City Public School System, Okla.
Funding Period: Start Date 18 Jan 71; End Date 27 May 71
Contract and/or Control No.: CP-230

This project proposes to conduct two pilot programs in occupational orientation in "The World of Construction," one with a majority of disadvantaged students. The course will enable students to develop work attitudes and cognitive and psychomotor skills and will provide laboratory and classroom experiences where students can engage in construction practices, experiments, and role playing.

SB004191

Employment of a Job Placement Officer on a Six-Week-Per-Year Basis.
Organization: Southern Oklahoma Area Vocational-Technical School, Ardmore.

Descriptive information unavailable.

SB004192

Portable Plastics Program.
Project Director: Lombardi, C. L.
Organization: Northeastern State Coll., Tahlequah, Okla.
Contract and/or Control No.: CP-367

The aim of this project is to conduct a pilot program for testing materials and processes in plastics for students in grades 8-9 in northeastern Oklahoma. The program will be conducted in a mobile laboratory equipped with machinery from Plastik-Labs, Inc., using their workbook and outline as guides and will provide an opportunity for potential dropouts to develop an interest in a vocationally oriented program.

SB004193

Developing Drawings for Agricultural Mechanics Shop Projects in Correlation with Shop Skills that are Being Taught from the Basic Core Curriculum for Vocational Agriculture.
Project Director: Patton, Bob
Organization: Oklahoma State Dept. of Vocational-Technical Education, Stillwater. Curriculum and Instructional Materials Center.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 72
Contract and/or Control No.: CP-391

Funding will enable the project coordinator to hire an individual to draw about 100 shop project illustrations appropriate for an agricultural mechanics class in vocational agriculture and develop a set of slides which will be a motivating factor for the students in carrying out a shop project. The program will enable vocational agriculture students to apply agricultural mechanics skills.

SB004194

Pre-Technical Program for Students Who are Admissible to College but Who are Educationally Handicapped.
Project Director: Jones, Claude F.
Organization: Claremore Junior Coll., Okla.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: CP-350

Funding will provide for two half-time reading instructors and career-oriented reading materials for the pretechnical program for educationally handicapped students.

SB004195

Employment Oportunities and Educational Needs in Off-Farm Agricultural Occupations in Oklahoma.
Project Director: Mitchell, Jesse
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater.
Funding Period: Start Date 1 Jan 71; End Date 1 Sep 71
Contract and/or Control No.: CP-224

The purpose of this cooperative study is to supply agricultural manpower needs information which may be used for planning new programs or revising existing programs. A questionnaire will be used with a personal interview to collect data from all seventy-seven counties.

SB004196

A Pilot Program to Determine Certain Aspects of Vocational Image as Perceived by a Public Categorized by Occupational Titles.
Project Director: Shultz, Fred A.
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater.
Funding Period: Start Date 1 Nov 70; End Date 30 Jul 71
Contract and/or Control No.: CP-216

The primary purpose of this pilot program is to determine the image of vocational education as perceived by members of the public who have been categorized by levels of employement and to compare the images held by persons in the respective categories. Specific objectives include determining whether the public feels that more vocational programs should be offered at the elementary and secondary levels.

SB004197

Distributive Education and Career Exploration in the 8th and 9th Grades.
Project Director: Huston, Virgil L.
Organization: Bartlesville Public Schools, Okla.
Funding Period: Start Date 1 Sep 71; End Date 30 Jun 72
Contract and/or Control No.: CP-270

The purpose of this project is to implement a program in exploratory distributive education and career exploration for students in grades 8-9. Teachers will receive college training in the summer. The goal of the program is to curb the dropout rate and prepare junior high students to qualify for work-study programs at the secondary level.

Fiscal Year 1972

SB004198

Core Curriculum Development for Vocational Agriculture Training Program for State of Oklahoma.
Project Director: Meek, Ronald
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Curriculum and Instructional Materials Center.
Contract and/or Control No.: CP-31

The aim of this four-year project is to provide curriculum material correlated with the basic core curriculum in vocational agriculture. Teaching information and aids will include an instructor's manual with complete teaching units for each phase of the four vocational agriculture courses including supplemental materials, overlays, instructional illustrated materials, and a list of references for each. Advisory committees will approve and evaluate each unit.

SB004199

A Multiple Teacher Vocational Agriculture Department for Lawton Public High Schools.
Project Director: Bicket, Marvin
Organization: Lawton Public Schools, Okla.
Funding Period: Start Date 1 Sep 69; End Date 30 Jun 72
Contract and/or Control No.: CP-35

The goal of the project is to develop a system whereby a multiple-teacher vocational agriculture department can serve students of the three Lawton high schools. Each subject will be taught by the teacher with greatest expertise in that area. Project staff will also develop and try guidelines to determine the feasibility of a Future Farmers of America chapter for the entire school system and explore procedures for maximizing the use of the school farm laboratory.

SB004200

A Two-Year Post-Secondary Vocational-Technical Home Economics Program.
Project Director: Ables, Joe W.
Organization: Northeastern Oklahoma A and M Coll., Miami.
Contract and/or Control No.: CP-71

The purpose of this project is to develop two-year postsecondary programs in care and guidance of children, fashion design and merchandising, and food management. Specific objectives include enabling participants to improve their employment competencies through a program of advanced specialization and instruction in managerial responsibilities, allowing the participants to enter the labor market or continue their education, assisting in supplying the manpower needs of northeast Oklahoma, and offering the programs to adults.

SB004201

An Exemplary Program for the Training and Supervision of Disadvantaged Students.
Project Director: Beck, Wesley, Jr.
Organization: Stillwater City Schools, Okla.
Contract and/or Control No.: CP-52

This program intends to provide occupational training, placement, and on-the-job counseling for disadvantaged or handicapped students who have dropped out or who are unable to succeed without special assistance. Specific objectives include training the target

population for maintenance positions in media (closed ciruit televison and other audiovisual equipment), finding placements in the community, and providing a two-way video instructional system from school to home for the severely handicapped who are unable to attend classes.

SB004202

A High School Health Service Careers Class and Day Care Center.
Project Director: Stokes, Marvin W.
Organization: Byng School District 1-16, Ada, Okla.
Contract and/or Control No.: CP-5

This three-year project intends to offer a two-year program designed to prepare students for health service careers by providing career awareness in health occupations and professions and training for assistants' roles in medicine or dentistry. The project will operate a day care center to provide training in working with three- and four-year-olds and a sheltered work experience in child care for students in grades 7-10.

SB004203

Basic Skills Development Center.
Project Director: Smith, Roger
Organization: Tulsa Junior Coll., Okla.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 72
Contract and/or Control No.: CP-145

Funding will provide teachers' salaries to continue the basic skills development program which includes courses in reading, writing, math, and humanities.

SB004204

A Comprehensive - Exploratory - Industrial Studies Project.
Project Director: Walker, James A.
Organization: Ponca City Public Schools, Okla.
Funding Period: Start Date 1 Sep 71; End Date 1 Jul 73
Contract and/or Control No.: CP-346

The purpose of this project is to introduce a program that will incorporate recent technology in industrial communications, industrial process, power technology, and electricity/electronics. Instructors will develop instructional materials, select and use recently developed technological equipment and procedures, and work cooperatively and team teach with each other and with student teachers.

SB004205

Individualized Instruction and Industrial Coordination: A Means to Allow Advanced Placement of Nursing Assistants in a Practical Nursing Program.
Project Director: McLain, Margaret
Organization: Oklahoma City Vocational School of Practical Nursing, School District 89, Okla.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: CP-265

This project intends to test the nursing performance and knowledge of ten competent nurse assistants, former military corpsmen, or waivered licensed practical nurses; grant credits to enable them to work full time while in training; and teach these persons individually or in a special class to bring their cognitive and practical skills to the level required in the full-time practical nursing program.

Fiscal Year 1973

SB004206

Pilot and/or Exemplary Statewide Radio Broadcasting Program.
Organization: Kiamichi Area Vocational-Technical School District 7, Wilburton, Okla.
Contract and/or Control No.: CP-352

The objectives of the project include (1) providing a comprehensive program designed to train students in the fundamentals of broadcasting and in electro-mechanical skills; (2) providing students an opportunity to specialize in one of the phases of broadcasting: programming, engineering, sales, or business management; (3) providing practical experience in all phases of broadcasting; and (4) providing an effective placement program.

SB004207

A High School Health Service Careers Class and Day Care Center.
Project Director: Stokes, Marvin W.
Organization: Byng School District 1-16, Ada, Okla.
Contract and/or Control No.: CP-5

This three-year project intends to offer a two-year program designed to prepare students for health service careers by providing career awareness in health occupations and professions and training for assistants' roles in medicine or dentistry. The project will operate a day care center to provide training in working with three- and four-year-olds and a sheltered work experience in child care for students in grades 7-10.

SB004208

Opportunity Made Available for Up-Grading of Health Occupations.
Organization: Midwest City Vocational School of Practical Nursing, Okla.
Contract and/or Control No.: CP-258

This project seeks to start a program of practical nursing from three o'clock to nine o'clock in the evening to provide the opportunity for nurses' aides and other working individuals to upgrade themselves. The objective is to train graduate practical nurses prepared to practice nursing safely, efficiently, and effectively by using basic scientific principles and skills and function as a member of the health team.

SB004209

Core Curriculum Development for Vocational Agriculture Training Program for State of Oklahoma.
Project Director: Meek, Ronald
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Curriculum and Instructional Materials Center.
Contract and/or Control No.: CP-31

The aim of this four-year project is to provide curriculum material correlated with the basic core curriculum in vocational agriculture. Teaching information and aids will include an instructor's manual with complete teaching units for each phase of the four vocational agriculture courses including supplemental materials, overlays, instructional illustrated materials, and a list of references for each. Advisory committees will approve and evaluate each unit.

SB004210

Distributive Education and Career Exploration in the 8th and 9th Grades.
Project Director: Huston, Virgil L.
Organization: Bartlesville Public Schools, Okla.
Contract and/or Control No.: CP-270

The purpose of this project is to implement a program in exploratory distributive education and career exploration for students in grades 8-9. Teachers will receive college training in the summer. The goal of the program is to curb the dropout rate and prepare junior high students to qualify for work-study programs at the secondary level.

SB004211

The Development and Implementation of Exemplary Medical and Legal Secretarial Options Within the Secretarial Science Course of Study.
Project Director: Taylor, Joe
Organization: Oklahoma State Tech., Okmulgee. Dept. of Business Education.

The purpose of this project is to develop effective and efficient training programs for medical and legal secretaries which can serve as program models. Specific objectives include determining the feasibility of developing the programs from a common core of secretarial science subjects and determining the most effective way to obtain cooperative job experiences as legal or medical secretaries.

SB004212

Home Economics Career Exploration Project for Seventh and/or Eighth Grade Students in Oklahoma City Middle Schools.

Project Director: Lamb, Virginia
Organization: Oklahoma City Public School System, Okla.
Funding Period: Start Date 12 Mar 73; End Date 30 Jun 73
Contract and/or Control No.: CP-487

The purpose of this project is to provide a career awareness program in the service occupations cluster, including the food industry, interior decoration, hotel and motel management, health careers, clothing industry, and child development. Specific objectives include identifying curriculum resources used in existing pilot programs; writing six-week curriculum units in foods, clothing, and child care; providing inservice training for teachers; and implementing the initial phase of the program.

SB004213

The Development of Twenty Units of Curriculum Development in Forestry for Vocational Agriculture High School Programs.
Project Director: Curtis, Edward E.
Organization: Curtis Forest Management Services, Okla.
Funding Period: Start Date 1 Oct 72; End Date 31 May 73
Contract and/or Control No.: CP-474

The objective of the program is to develop a twenty-unit forestry curriculum to include the major aspects of forest production, harvesting conservation, and management for high school vocational agriculture programs in Oklahoma. The program aims to train entry level personnel as forestry aides by providing basic background in forestry and motivate students to seek higher education.

SB004214

An Exemplary Program in Vocational Agriculture for the Elgin, Fletcher, and Sterling High Schools.
Project Director: Barrow, Wesley
Organization: Elgin Public Schools, Okla.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: CP-497

This project seeks to sponsor a certified vocational agriculture instructor to coordinate the development of the new Young Farmer organization in the five school districts in northeastern Comanche County. It also seeks to develop a cooperative work program where students will be placed in an after-school and summer work program working within local community agribusinesses. The instructor will grade the students and coordinate an educational program with the jobs.

SB004215

A Coordinator for Young and Adult Farmer Programs of Alfalfa, Garfield, Grant, Kay, Major, Noble, and Woods Counties in Oklahoma.
Project Director: Brown, Donald D.
Organization: Oklahoma Northwest Area Vocational-Technical School District 10, Alva.
Funding Period: Start Date 1 Feb 73; End Date 30 Jun 73
Contract and/or Control No.: CP-402

The purpose of this project is to provide specialists to work with vocational agriculture teachers to obtain technical information and training in developing cooperative agriculture career programs for high school students and developing sound educational programs for adults and young farmers. The specialist will be involved with inservice training for teachers, conducting young farmer educational meetings, and developing teaching material with curriculum specialists.

SB004216

Portable Plastics Program.
Project Director: Lombardi, C. L.
Organization: Northeastern State Coll., Tahlequah, Okla.
Contract and/or Control No.: CP-367

The aim of this project is to conduct a pilot program for testing materials and processes in plastics for students in grades 8-9 in northeastern Oklahoma. The program will be conducted in a mobile laboratory equipped with machinery from Plastik-Labs, Inc., using their workbook and outline as guides and will provide an opportunity for potential dropouts to develop an interest in a vocationally oriented program.

SB004217

A Comprehensive-Exploratory Industrial Studies Project.
Organization: Northwest Area Vocational-Technical School, Alva, Okla.

The purpose of this project is to introduce a program that will incorporate recent technology in industrial communications, industrial processes, power technology, and electricity/electronics. Instructors will develop instructional materials, select and use recently developed technological equipment and procedures, and work cooperatively and team teach with each other and with student teachers.

SB004218

A Two-Year Post-Secondary Vocational-Technical Home Economics Program.
Project Director: Ables, Joe W.
Organization: Northeastern Oklahoma A and M Coll., Miami.
Contract and/or Control No.: CP-71

The purpose of this project is to develop two-year postsecondary programs in care and guidance of children, fashion design and merchandising, and food management. Specific objectives include enabling participants to improve their employment competencies through a program of advanced specialization and instruction in managerial responsibilities, allowing the participants to enter the labor market or continue their education, assisting in supplying the manpower needs of northeast Oklahoma, and offering the programs to adults.

SB004219

Teacher Aide - Building Trades.
Project Director: Hopper, John
Organization: Central Oklahoma Area Vocational-Technical School, Drumright.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: CP-469

Funding will provide a teacher aide to meet the need for increasing training opportunities in building trades. This will enable Central Oklahoma Area Vocational-Technical School to serve a greater number of students, provide better instruction in this cluster, and better utilize space and equipment.

SB004220

An Exemplary Program for the Training and Supervision of Students.
Organization: Tulsa Junior Coll., Okla.

Descriptive information unavailable.

SB004221

A Means to Allow Advanced Placement of Nursing Assistants in a Practical Nursing Program.
Organization: Central Area Vocational-Technical School, Drumright, Okla.

Descriptive information unavailable.

SB004222

First and Second Year Post-Secondary Vocational-Technical Home Economics Program.
Organization: Stillwater Public Schools, Okla.

Descriptive information unavailable.

SB004223

Basic Skills Development Center.
Project Director: Smith, Roger
Organization: Tulsa Junior Coll., Okla.
Contract and/or Control No.: CP-145

Funding will provide teachers' salaries to continue the basic skills development program which includes courses in reading, writing, math, and humanities.

SB004224

Individualized Instruction and Industrial Coordination: A Means to Allow Advanced Placement of Nursing Assistants in a Practical Nursing Program.

Project Director: McLain, Margaret
Organization: Oklahoma City Vocational School of Practical Nursing, School District 89, Okla.
Contract and/or Control No.: CP-265

Tnis project intends to test the nursing performance and knowledge of ten competent nurse assistants, former military corpsmen, or waivered licensed practical nurses; grant credits to enable them to work full time while in training; and teach these persons individually or in a special class to bring their cognitive and practical skills to the level required in the full-time practical nursing program.

SB004225

An Exemplary Program for the Training and Supervision of Disadvantaged Students.
Project Director: Beck, Wesley, Jr.
Organization: Stillwater City Schools, Okla.
Contract and/or Control No.: CP-52

This program intends to provide occupational training, placement, and on-the-job counseling for disadvantged or handicapped students who have dropped out or who are unable to succeed without special assistance. Specific objectives include training the target population for maintenance positions in media (closed circuit television and other audiovisual equipment), finding placements in the community, and providing a two-way video instructional system from school to home for the severely handicapped who are unable to attend classes.

SB004226

A Comprehensive - Exploratory - Industrial Studies Project.
Project Director: Walker, James A.
Organization: Ponca City Public Schools, Okla.
Funding Period: Start Date 1 Sep 71; End Date 1 Jul 73
Contract and/or Control No.: CP-346

The purpose of this project is to introduce a program that will incorporate recent technology in industrial communications, industrial processes, power technology, and electricity/electronics. Instructors will develop instructional materials, select and use recently developed technological equipment and procedures, and work cooperatively and team teach with each other and with student teachers.

Fiscal Year 1974

SB004227

Full Time Adult Evening Program in Welding and Secretarial Training.
Project Director: Hopper, John
Organization: Central Oklahoma Area Vocational-Technical School, Drumright.
Funding Period: Start Date 1 Dec 73; End Date 30 Jun 74
Contract and/or Control No.: CP-565

The goal of this project is to test the feasibility of developing an open entry/open exit full-time evening program for adults in an area vocational technical school. The specific objectives of the program are to provide training for entry level or upgraded employment in all phases of welding, and as stenographers, typists, machine operators, and transcribers and place those completing the program in permanent employment.

SB004228

Portable Plastics Program.
Project Director: Lombardi, C.L.
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Industrial Arts Div.
Contract and/or Control No.: CP-567

The aim of this project is to conduct a pilot program for testing materials and processes in plastics for students in grades 8-9 in northeastern Oklahoma. The program will be conducted in a mobile laboratory equipped with machinery from Plastik-Labs, Inc., using their workbook and outline as guides and will provide an opportunity for potential dropouts to develop an interest in a vocationally oriented program

SB004229

Opportunity Made Available for Up-Grading of Health Occupations.
Organization: Midwest City Vocational School of Practical Nursing, Okla.
Contract and/or Control No.: CP-258

This project seeks to start a program of practical nursing from three o'clock to nine o'clock in the evening to provide the opportunity for nurses' aides and other working individuals to upgrade themselves. The objective is to train graduate practical nurses prepared to practice nursing safely, efficiently, and effectively by using basic scientific principles and skills and function as a member of the health team.

SB004230

A Professional Improvement Program for In-Service Vocational Agriculture Teachers of the Southwest District.
Project Director: Terry, H. Robert
Organization: Oklahoma State Univ., Stillwater. Dept. of Agricultural Education.
Contract and/or Control No.: CP-566

The purpose of this project is to organize and conduct a series of professional improvement group meetings among vocational agriculture teachers in the southwest district. Specific objectives include (1) assisting teachers to improve their organizational and management techniques, (2) further developing teachers' abilities to provide instruction in specialized areas of the program, (3) improving teachers' competencies and techniques in using the Vocational Agriculture Core Curriculum materials, and (4) providing teachers an opportunity to complete a graduate credit.

SB004231

Distributive Education and Career Exploration in the 8th and 9th Grades.
Project Director: Huston, Virgil L.
Organization: Bartlesville Public Schools, Okla.
Contract and/or Control No.: CP-270

The purpose of this project is to implement a program in exploratory distributive education and career exploration for students in grades 8-9. Teachers will receive college training in the summer. The goal of the program is to curb the dropout rate and prepare junior high students to qualify for work-study programs at the secondary level.

SB004232

Designing, Implementing, and Evaluating a Health Career Mobility Program.
Organization: Oklahoma City Schools, Okla.
Contract and/or Control No.: CP-519

The goal of this project is to develop a health career mobility program which will define sequential levels of education and experience to permit individuals to progress using credit for previously acquired education and experiences and enable individuals to develop the competencies required through released time and self-directed modules of study. Objectives include designing, implementing, and evaluating an upward mobility process which can be utilized by all Oklahoma practical nursing programs.

SB004233

Resource Utilization Specialist for Improved Vocational Education.
Project Director: Hopper, John
Organization: Central Oklahoma Area Vocational-Technical School, Drumright.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: CP-516

Funding will enable the exemplary project to hire a resource utilization specialist whose priorities will match those of the user public. The specialist will act as a liaison between Central Oklahoma Area Vocational-Technical School and the State Department of Vocational and Technical Education.

SB004234

Teacher Aide - Building Trades.
Project Director: Hopper, John
Organization: Central Oklahoma Area Vocational-Technical School, Drumright.
Contract and/or Control No.: CP-469

Funding will provide a teacher aide to meet the need for increasing training opportunities in building trades. This will enable Central Oklahoma Area Vocational-Technical School to serve a greater number of students, provide better instruction in this cluster, and better utilize space and equipment.

SB004235

A Coordinator for Young and Adult Farmer Programs of Alfalfa, Garfield, Grant, Kay, Major, Noble, and Woods Counties in Oklahoma.
Project Director: Brown, Donald D.
Organization: Oklahoma Northwest Area Vocational-Technical School District 10, Alva.
Contract and/or Control No.: CP-402

The purpose of this project is to provide specialists to work with vocational agriculture teachers to obtain information and training in developing cooperative agriculture career programs for high school students and developing sound educational programs for adults and young farmers. The specialist will be involved with inservice training for teachers, conducting young farmer educational meetings, and developing teaching material with curriculum specialists.

SB004236 VTP-1287

An Exemplary Project to Encourage Teacher Innovation Through Mini-Grants.
Project Director: Frazier, William D.
Organization: Oklahoma State Dept. of Education, Oklahoma City. Research Coordinating Unit.
Funding Period: Start Date 1 Jan 74; End Date 30 Jun 74

The objectives of this project are to identify fifteen teachers who can propose feasible solutions to an identified local problem, develop a research/evaluation design which may be used to test each proposed solution, and award fifteen mini-grants and supervise the completion of the projects. Proposals will be solicited from teachers, reviewed for research or evaluation capability, then reviewed by program supervisors for feasibility.

SB004237 VTP-1282

An Exemplary Comprehensive Occupational Orientation and Decision-Making Program.
Project Director: Grizzle, Herman
Organization: Tulsa County Area Vocational-Technical School District 18, Okla.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project will present inservice training on career education to administrators, counselors, and teachers from seventy-five percent of the local school districts; develop a career education resource center; facilitate surveying the community for speakers and field trips or other resources; and acquire materials to be used in the ninth and tenth grade classrooms. Two, one-week workshops will involve twenty-five faculty members each.

SB004238 VTP-1283

Developing Guidelines for the Establishment of a Health Careers Organization for the Health Occupations Program.
Project Director: Jamison, Patricia
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Health Occupation Education.
Funding Period: Start Date 1 Mar 74; End Date 30 Jun 74

The objectives of this project are to bring together students interested in health careers to share common interests, explore opportunities and develop an understanding of educational requirements which contribute to occupational competence in health careers, provide information for local chapters, develop leadership abilities, and assist students to establish realistic personal career goals.

SB004239

Field Testing Occupationally Oriented, Junior High School Home Economics Curriculum in Exploring Careers in Hospitality Industry.
Project Director: Johnson, Nedra
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Vocational Home Economics.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: CP-606

This project in home economics education will orient approximately 1,250 junior high students in sixteen to eighteen schools to careers in the hospitality industry. The project coodinator will attend four training workshops given by McKnight Publishing and will conduct workshops to train teachers selected for the field testing. Three feedback conferences will be held during the field test.

Fiscal Year 1975

SB004240

Moore Junior High Industrial Arts Career Education Program in Hydraulics and Electronics.
Project Director: Butler, Tom
Organization: Moore Public Schools, Okla.
Contract and/or Control No.: CP-499

The purpose of this program is to add exploratory vocational course offerings for junior high students to increase interest in school, increase school attendance, and reduce the dropout rate. Objectives include providing ninth grade students with some occupational awareness, adding a new dimension to administrative and guidance concepts, and providing students a basic understanding of hydraulics and electronics.

SB004241

Teacher Aide - Building Trades.
Project Director: Hopper, John
Organization: Central Oklahoma Area Vocational-Technical School, Drumright.
Contract and/or Control No.: CP-469

Funding will provide a teacher aide to meet the need for increasing training opportunities in building trades. This will enable Central Oklahoma Area Vocational-Technical School to serve a greater number of students, provide better instruction in this cluster, and better utilize space and equipment.

SB004242

Pilot and/or Exemplary Statewide Radio Broadcasting Program.
Organization: Kiamichi Area Vocational-Technical School District 7, Wilburton, Okla.
Contract and/or Control No.: CP-352

The objectives of the project include (1) providing a comprehensive program designed to train students in the fundamentals of broadcasting and in electro-mechanical skills; (2) providing students an opportunity to specialize in one of the phases of broadcasting: programming, engineering, sales, or business management; (3) providing practical experience in all phases of broadcasting; and (4) providing an effective placement program.

SB004243 VTP-1604

Prague FFA Beef Cattle AI Cooperative Laboratory.
Project Director: Troutman, Clif
Organization: Prague High School, Okla.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: CP-616

Project objectives are to provide Future Farmers of America (FFA) students and young farmers of the community with the opportunity to select quality cows, maintain and improve the quality of the offspring by using superior sires through artificial insemination, and improve the relatively low income realized from beef cattle in the community.

SB004244

A Coordinator for Young and Adult Farmer Programs of Alfalfa, Garfield, Grant, Kay, Major, Noble, and Woods Counties in Oklahoma.
Project Director: Brown, Donald D.
Organization: Oklahoma Northwest Area Vocational-Technical School District 10, Alva.
Contract and/or Control No.: CP-402

The purpose of this project is to provide a specialist to work with vocational agriculture teachers to obtain technical information and training in developing cooperative agriculture career programs for high school students and developing sound educational programs for adults and young farmers. The specialist will be involved with inservice training for teachers, conducting young farmer educational meetings, and developing teaching material with curriculum specialists.

SB004245

An Exemplary Program in Vocational Agriculture for the Elgin, Fletcher, and Sterling High Schools.
Project Director: Barrow, Wesley
Organization: Elgin Public Schools, Okla.
Contract and/or Control No.: CP-497

This project seeks to sponsor a certified vocational agriculture instructor to coordinate the development of the new Young Farmer organization in the five school districts in northeastern Comanche County. It also seeks to develop a cooperative work program where students will be placed in an after-school and summer work program working within local community agribusinesses. The instructor wil grade the students and coordinate an educational program with the jobs.

SB004246

Designing, Implementing, and Evaluating a Health Career Mobility Program.
Organization: Oklahoma City Schools, Okla.
Contract and/or Control No.: CP-519

The goal of this project is to develop a health career mobility program which will define sequential levels of education and experience to permit individuals to progress using credit for previously acquired education and experiences and enable individuals to develop the competencies required through released time and self-directed modules of study. Objectives include designing, implementing, and evaluating an upward mobility process which can be utilized by all Oklahoma practical nursing programs.

SB004247

Full Time Adult Evening Program in Welding and Secretarial Training.
Project Director: Hopper, John
Organization: Central Oklahoma Area Vocational-Technical School, Drumright.
Contract and/or Control No.: CP-565

The goal of the project is to test the feasibility of developing an open entry/open exit full-time evening program for adults in an area vocational technical school. The specific objectives of the program are to provide training for entry level or upgraded employment in all phases of welding, and as stenographers, typists, machine operators, and transcribers and place those completing the program in permanent employment.

SB004248

An Exemplary Project to Encourage Teacher Innovation Through Mini-Grants.
Project Director: Frazier, William D.
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Research, Planning, and Evaluation.
Funding Period: Start Date 1 Jan 74; End Date 30 Jun 75
Contract and/or Control No.: CP-571

The goal of this project is to use the ideas and experiences of teachers to attack educational problems at the local level and find solutions to some of those problems. Specific objectives include identifying fifteen teachers who can propose feasible solutions to an identified local problem, developing a research and evaluation design which may be used to test each proposed solution, and awarding fifteen mini grants and supervising the completion of fifteen projects.

SB004249

Portable Plastics Program.
Project Director: Lombardi, C.L.
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater.
Contract and/or Control No.: CP-567

The aim of this project is to conduct a pilot program for testing materials and processes in plastics for students in grades 8-9 in northeastern Oklahoma. The program will be conducted in a mobile laboratory equipped with machinery from Plastik-Lata, Inc., using their workbook and outline as guides and will provide an opportunity for potential dropouts to develop an interest in a vocationally oriented program.

SB004250

An Exemplary Comprehensive Occupational Orientation, and Decision-Making Program.
Project Director: Grizzle, Herman
Organization: Tulsa County Area Vocational-Technical School District 18, Tulsa, Okla.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 77
Contract and/or Control No.: CP-583

The goal of this program is to involve all ninth and tenth grade administrators, teachers, and counselors in each school in Tulsa County, together with the business and industrial community, to help students understand themselves in terms of their values, interests, abilities, and career opportunities. Specific objectives include presenting inservice training on career education, developing a career education resource center, and assisting in the infusion of career education materials into the curriculum.

SB004251

Developing Working Drawings of Welding Projects that Would Incorporate the Knowledge and Skill Processes that are Being Taught Using the Curriculum Material that was Developed for Trade and Industrial Education Welding Programs.
Project Director: Patton, Bob
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Curriculum and Instructional Materials Center.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: CP-588

The purpose of the program is to make project plans available to trade and industrial welding students, thereby giving them an opportunity to apply the knowledge and skills they have acquired in welding class to the construction of worthwhile projects. The project coordinator will hire a competent draftsman to draw approximately 100 working drawings of shop projects that would be appropriate for the class.

SB004252

Field Testing Occupationally Oriented, Junior High School Home Economics Curriculum in Exploring Careers in Hospitality Industry.
Project Director: Johnson, Nedra
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Vocational Home Economics.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: CP-606

This project in home economics education will orient approximately 1,250 junior high students in sixteen to eighteen schools to careers in the hospitality industry. The project coordinator will attend four training workshops given by McKnight Publishing and will conduct workshops to train teachers selected for the field testing. Three feedback conferences will be held during the field test.

Fiscal Year 1976

SB004253 VTP-2385

Portable Metalworking Laboratory.
Project Director: Winburn, Harold J.
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Industrial Arts.

Funding Period: Start Date 1 Jan 76; End Date 30 Jun 76
Contract and/or Control No.: CP-698

This project will design a portable metalworking laboratory which will provide practical experience in the operating of machine lathes and vertical and horizontal milling machines and which will also provide occupational orientation and exploration in machine tool processes. The equipment will be set up in the local industrial arts shop areas and will serve junior high and early senior high students.

SB004254 **VTP-2383**

Developing Audio Visual Instructional Materials for Teaching Tractor Maintenance in Vocational Agriculture.
Project Director: Hart, Verlin
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Vocational Agriculture.
Funding Period: Start Date 1 Jan 76; 30 Jun 76

The purpose of the program is to develop slide sets and video tapes on tractor maintenance. The development of the material will be under the direction of an agricultural engineering professor and four graduate students. The materials will be used in teacher education preservice and inservice training and will be made available for teachers to use in their vocational agriculture classes.

SB004255

Developing Standards for a Model Learning Laboratory for an Area Vocational-Technical School in Oklahoma.
Project Director: Hopper, John
Organization: Central Oklahoma Area Vocational-Technical District 3, Drumright.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: CP-680

This project aims to pilot the organization and implementation in an area vocational and technical school of a learning center for both adult and secondary students to provide skill training and exploratory opportunities in career information. The purpose of the project is to enhance the opportunities for disadvantaged students to succeed in vocational and technical programs. Objectives include raising reading and math comprehension to levels commensurate with the students' abilities.

SB004256 **VTP-2524**

A Comparison of the Century 21 and the Gregg Diamond Jubilee Shorthand Systems in Beginning and Intermediate Shorthand at Oklahoma State University
Project Director: Owaby, Arnola
Organization: Oklahoma State Univ., Stillwater. Coll. of Business.
Funding Period: Start Date 1 Jul 76; End Date 30 Sep 76

The objective of this study is to compare the effectiveness of Century 21 and Gregg Diamond Jubilee shorthand systems in developing competencies in beginning and intermediate shorthand students. Student performances in the two classes will be compared on speedform/brief form tests, theory tests, and dictation tests.

SB004257

A Coordinator for Young and Adult Farmer Programs of Alfalfa, Garfield, Grant, Kay, Major, Noble, and Woods Counties in Oklahoma.
Project Director: Brown, Donald D.
Organization: Oklahoma Northwest Area Vocational-Technical School District 10, Alva.
Contract and/or Control No.: CP-402

The purpose of this project is to provide specialists to work with vocational agriculture teachers to obtain technical information and training in developing cooperative agriculture career programs for high school students and developing sound educational programs for adults and young farmers. The specialist will be involved with inservice training for teachers, conducting young farmer educational meetings, and developing teaching material with curriculum specialists.

SB004258

Full Time Adult Evening Program in Welding and Secretarial Training.,
Project Director: Hopper, John
Organization: Central Oklahoma Area Vocational-Technical School, Drumright.
Contract and/or Control No.: CP-565

The goal of this project is to test the feasibility of developing an open entry/open exit full-time evening program for adults in an area vocational technical school. The specific objectives of the program are to provide training for entry level or upgraded employment in all phases of welding, and as stenographers, typists, machine operators, and transcribers and place those completing the program in permanent employment.

SB004259 **VTP-2277**

Organization of Multiple Teacher Programs in Vocational Agriculture.
Project Director: Juby, Marcus
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Vocational Agriculture.
Funding Period: Start Date 1 Oct 75; End Date 31 Jul 76
Contract and/or Control No.: CP-714

The purpose of this program is to identify and develop selected operational procedures and recommendations for departments of vocational agriculture in which two or more teachers are hired to provide instruction to all-day students and young adult farmers. All vocational agriculture teachers will participate in identifying areas of concern and problem areas and in discussing, recommending, and consenting to operational procedures and administration.

SB004260 **VTP-2278**

A Professional Improvement Program for the In-Service Vocational Agriculture Teachers of the Southwest District.
Organization: Oklahoma State Univ., Stillwater. Dept. of Agricultural Education.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This program is being continued in a second phase to provide inservice training for twenty-five vocational agriculture teachers. Phase II of this project will utilize the training experience gained in the past, make modifications, and implement new training competencies to include experience in as many areas as possible in a one-year time period.

SB004261

Developing Working Drawings of Welding Projects that Would Incorporate the Knowledge and Skill Processes that are Being Taught Using the Curriculum Material that was Developed for Trade and Industrial Education Welding Programs.
Project Director: Patton, Bob
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Curriculum and Instructional Materials Center.
Contract and/or Control No.: CP-588

The purpose of the program is to make project plans available to trade and industrial welding students, thereby giving them an opportunity to apply the knowledge and skills they have acquired in welding class to the construction of worthwhile projects. The project coordinator will hire a competent draftsman to draw approximately 100 working drawings of shop projects that would be appropriate for the class.

SB004262 **VTP-2384**

Media Center Program for Open Entry-Open Exit Training.
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will provide audiovisual aids in the areas of air conditioning, welding, administration and guidance, and automotive which are not available from any other source. The objective will be to provide standardized programs which will assist instructors in teaching and provide a broader scope to those students capable of learning at an accelerated pace.

SB004263 **VTP-2386**

Self Improvement for Cooperative Office Education Students.

Organization: Tulsa Public Schools, Okla.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The objectives of this project are to help cooperative office education students become interested in self-improvement and develop instructional materials, slides, and videotape presentations that can be used in units of study on self-improvement. Students will become acquainted with desirable personal qualities, etiquette rules, social graces, grooming needs, and self-confidence.

SB004264

An Exemplary Comprehensive Occupational Orientation, and Decision-Making Program.
Project Director: Grizzle, Herman
Organization: Tulsa County Area Vocational-Technical School District 18, Tulsa, Okla.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 77
Contract and/or Control No.: CP-583

The goal of this program is to involve all ninth and tenth grade administrators, teachers, and counselors in each school in Tulsa County, together with the business and industrial community, to help students understand themselves in terms of their values, interests, abilities, and career opportunities. Specific objectives include presenting inservice training on career education, developing a career education resource center, and assisting in the infusion of career education materials into the curriculum.

SB004265

Field Testing Occupationally Oriented, Junior High School Home Economics Curriculum in "Exploring Careers in Fabrics and Living Environments" Developed by McKnight Publishing Company, for FY-76 funding.
Project Director: Johnson, Nedra
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Home Economics.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: CP-703

The purpose of this project is to field test the curriculum, "Exploring Careers in Fabrics and Living Environment," with students in grades 7-9 in sixteen to eighteen schools. A staff member will serve as feedback coordinator and will attend four training workshops for implementing the project. A teacher educator, who will attend the first workshop, and the feedback coordinator will conduct a two-day workshop to train teachers who will participate in the field testing.

SB004266

Employment - A Motivational Tool in the Classroom.
Project Director: Daugherty, Gerald
Organization: Watonga Public Schools, Okla.
Funding Period: Start Date 1 Aug 75; End Date 30 Jun 76
Contract and/or Control No.: CP-678

The aim of this project is to provide an alternate program for students with average or above average ability and low motivation in traditional academic areas. Twenty or twenty-five identified students will be taught English, history, math, and work theory for three hours daily and will be employed at regular jobs in the community in the afternoons. Objectives include helping students develop a positive attitude toward teachers, the school, and the community.

SB004267

Moore Junior High Industrial Arts Career Education Program in Hydraulics and Electronics.
Project Director: Butler, Tom
Organization: Moore Public Schools, Okla.
Contract and/or Control No.: CP-499

The purpose of this program is to add exploratory vocational course offerings for junior high students to increase interest in school, increase school attendance, and reduce the dropout rate. Objectives include providing ninth grade students with some occupational awareness, adding a new dimension to administrative and guidance concepts, and providing students a basic understanding of hydraulics and electronics.

SB004268

Developing Guidelines for the Establishment of a Health Careers Organization for the Health Occupations Programs.
Project Director: Jamison, Patricia
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: CP-536

The objective of this project is to complete the establishment of a youth club for health occupations students and set it into operation. Additional activities will include purchasing a camera, projector, film and flashbulbs, and a stopwatch.

SB004269

A Proposal to Develop an Articulation Model for Vocational and Technical Programs in Tulsa Educational Institutions.
Project Director: Van Hook, Victor
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Business and Office Education.
Funding Period: Start Date 1 Apr 76; End Date 30 Jun 76
Contract and/or Control No.: CP-730

The purpose of this project is to test a procedural model for identifying procedures and regulations necessary to obtain articulation among secondary and postsecondary institutions in any given program area. The study aims to institutionalize the articulation process in business and office education at The Tulsa Public Schools, Tulsa County Area Vocational-Technical School, Tulsa Junior College, and Oral Roberts University. Objectives include developing or identifying challenge tests for each course.

SB004270

Summer Conference.
Organization: Oklahoma State Dept. of Vocational-Technical Education, Stillwater.

Descriptive information unavailable.

SB004271

An Exemplary Comprehensive Occupational Orientation, and Decision-Making Program.
Project Director: Grizzle, Herman
Organization: Tulsa County Area Vocational-Technical School District 18, Tulsa, Okla.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 77
Contract and/or Control No.: CP-583

The goal of this program is to involve all ninth and tenth grade administrators, teachers, and counselors in each school in Tulsa County, together with the business and industrial community, to help students understand themselves in terms of their values, interests, abilities, and career opportunities. Specific objectives include presenting inservice training on career education, developing a career education resource center, and assisting in the infusion of career education materials into the curriculum.

SB004272

A Technical Specialist in the Field of Agriculture to Work With Adult and Young Farmers in Alfalfa, Garfield, Grant, Kay, Major, Noble, Woods, Kingfisher, Blaine Dewey, Woodward, Ellis, Harper, Beaver, Texas and Cimarron Counties of Oklahoma, for FY77 Funding.
Project Director: Brown, Donald D.
Organization: Oklahoma Northwest Area Vocational-Technical School, Alva.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: CP-752

This project intends to hire an agricultural technical specialist to work with vocational agriculture instructors and Young Farmers and Adult Young Farmers and to coordinate resources available within the state to improve the efficiency of agricultural enterprises. The objectives for the specialist include helping vocational agriculture instructors and Young Farmer officers plan their meetings for the year and preparing administrative reports to qualify for adult instruction funds and Young Farmer special funding.

SB004273

Full-Time Adult Evening Program in Welding and Secretarial Training.
Project Director: Hopper, John
Organization: Central Oklahoma Area Vocational-Technical School, Drumright.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: CP-565

This project is a continuation of the full-time adult evening program in welding and secretarial training. Funding will provide an instructor, equipment, and consumable supplies for each course.

SB004274

In-Service Training Program - Vocational Agriculture.
Project Director: Brown, Donald
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater.
Funding Period: Start Date 3 Sep 76; End Date 4 Sep 76
Contract and/or Control No.: CP-758

The purpose of this program is to provide vocational agriculture teachers with teaching skills in livestock selection and grooming. A one and one-half day inservice training program will be conducted for twenty-three vocational agriculture teachers from the northwest supervisory district with less than two years of experience.

SB004275 VTP-2605

DECA Competency-Based Events.
Project Director: Best, Ted
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Distributive Education.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: CP-754

The purpose of this program is to justify Distributive Education Clubs of America (DECA) as an integral part of the total distributive education program. This will be accomplished by developing competitive events in ten instructional areas designed to evaluate student performance of competencies necessary for entry or advancement in the field.

Fiscal Year 1977

SB004276

REC Lineman's Curriculum Project.
Project Director: Braker, Clifton
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Curriculum and Instructional Materials Center.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: CP-757

The primary purpose of this project is to develop a curriculum for training electric linesmen jointly with the rural electric cooperatives (REC). A committee comprised of representatives of the electric industries, instructors, and electric linesmen will determine a task analysis and serve as a review and validation board during the development stages. The REC executive committee will identify a writer.

SB004277

Establishing a KWOC (Key Word Out of Context) File to Index Library Resources and Media for License Practical Nurse Programs and Offset Printing Programs.
Project Director: Kinard, Lee
Organization: Caddo-Kiowa Vocational-Technical Center, Ft. Cobb, Okla.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: CP-733

Descriptive information unavailable.

SB004278 VTP-2805

Development of Procedures for Expansion of Young Farmer Program in Vocational Agriculture.
Project Director: Terry, Robert
Organization: Oklahoma State Univ., Stillwter. Dept. of Agricultural Education.
Funding Period: Start Date 15 Feb 77; End Date 30 Jul 77
Contract and/or Control No.: CP-761

The purposes of this project are to identify and further develop selected operational procedures and recommendations for maintaining and expanding young farmer programs, assist beginning vocational agriculture teachers to organize and maintain programs, and disseminate developed procedures and techniques among all vocational agriculture teachers.

SB004279

Developing Standards for a Model Learning Laboratory for an AVTS in Oklahoma.
Project Director: Hopper, John
Organization: Central Oklahoma Area Vocational-Technical School, Drumright.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: CP-680

Funding for this project will enable the hiring of a curriculum specialist trained in software development and knowledgeable about vocational and technical skills. With the aid of the specialist, skill instructors can develop materials tailored to fit the specific supportive needs of individual programs.

OREGON

Part C

Fiscal Year 1971

SB004280 **VTP-087**

A Model for Curriculum Development in Career Awareness and Exploration.
Project Director: Rogers, Francis
Organization: Tigard School District 23J, Oreg.
Funding Period: Start Date 1 Jun 71; End Date 31 Jul 72

The objective of this project is to develop a comprehensive, articulated career awareness and career exploratory model program for grades 1-10 with emphasis on staff development, curriculum modification, and content development. The program will include developing a career information center and coordinating exploratory experiences for grade 10 with a community college supplement program.

SB004281 **VTP-086**

Elementary Careers Oriented Relevant Education: A Career Awareness Program for Elementary Schools.
Project Director: Crone, Charles
Organization: Springfield School District 19, Oreg.
Funding Period: Start Date 14 June 71; End Date 10 Jun 72

This project, involving all teachers and students in grades 1-6 in two elementary schools, intends to emphasize interrelationships between occupations and all aspects of the school curriculum and interrelationships between work and leisure, and family and citizen responsibility. A summer workshop involving fifteen teachers, counselors, administrators, and consultants will be conducted to plan and prepare for program implementation and evaluation.

SB004282 **VTP-092**

Increasing the Vocational Awareness of Elementary School Children.
Project Director: Jones, Darrell L.
Organization: Pleasant Hill School District 1, Oreg.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project provides for the development of a model career awareness program for grades 4-6 in a small school district. Staff development, content development, use of community resources, and total staff involvement in the planning and the implementation process are features of the project.

SB004283 **VTP-093**

Exploratory Program in Career Education in Whitaker Middle School – Phase I.
Project Director: Wallis, Leroy E.
Organization: Whitaker Middle School, Portland, Oreg.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The project will attempt to develop a method of incorporating career education in an exploratory program by designing modules with short units of work. One-hour modules will cover areas of interest indicated by a student, staff, and community survey. Other units will be developed for team teaching.

SB004284 **VTP-096**

Inter-Disciplinary Articulation.
Project Director: Bowe, Charles S.
Organization: Hood River County School District 1-R, Oreg.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This two-phase project will include inservice training for staff, research, and model development based upon an educational systems management plan. A fully articulated, interdisciplinary educational program based on instructional clusters for students in grades 10-12 in all subject areas is planned.

SB004285 **VTP-095**

Design of an In-Service Program for Counselors in the Portland Public Schools Based Upon Personnel Needs for Effective Career Counseling.
Project Director: Rasmussen, Marvin
Organization: Portland Public Schools, Oreg.
Funding Period: Start Date 1 May 71; End Date 1 Jul 71

This research project will seek to identify the counselor's role and competencies in career counseling, grades K-12, and plan an inservice program for counselors which will develop identified basic competencies required for carrying out that role effectively.

SB004286 **VTP-094**

Operation Bootstrap.
Project Director: McIntyre, Richard
Organization: Paisley Public School District 11, Oreg.

This project will seek to determine if a modified cluster and occupational program can be planned and implemented to meet the career needs of a small isolated high school and be financially feasible. The design will become a modified multi-cluster program incorporating minicourses which will include the construction cluster, power mechanics, metals, and elements of forestry and agriculture.

SB004287

Performance Placement Articulation.
Project Director: Shelton, Donald K.
Organization: Portland Community Coll., Oreg.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

To improve the articulation of individuals from high schools and the community to career education programs and institutions at the postsecondary level, this project will identify a career education program from which to develop a model for state-wide replication. Specific objectives will include developing placement requirements in performance terms and identifying the relationships that exist between the career education model and other articulation-related activities.

SB004288 **VTP-091**

Saturday Supplement.
Project Director: Pollard, Bob
Organization: Portland Community Coll., Oreg.
Funding Period: Start Date 1 Sep 71; End Date 30 Apr 72

To determine the best approaches and procedures to be used in career orientation and self-counseling, this project, an expansion of a Saturday program at the Portland Community College Educational District, will provide for exploratory experiences for up to 120 tenth grade students in a minimum of two cluster areas. Ninth grade students will be involved in less depth.

SB004289 VTP-616

Planning, Development and Launching of Satellite Community College Programs.
Project Director: Earl, Dick
Organization: Lane Community Coll., Eugene, Oreg.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

Information concerning the establishment of community college satellite programs will be published and disseminated to provide other institutions with a valid review of the strategy of Lane Community College in implementing a satellite program at Florence. The Lane County Intermediate Education District and Lane Community College are involved in a project to develop individualized instructional materials (learning packages).

SB004290 VTP-617

Career Education: An Integral Part of Teacher Education.
Project Director: Ten Pas, Henry
Organization: Oregon State Univ., Corvallis. Div. of Vocational, Adult, and Community Coll. Education.
Funding Period: Start Date 15 Jun 71; End Date 15 Jun 72

This project will outline a developmental strategy to acquaint prospective teachers with career education concepts and ways of incorporating them into classroom teaching. Career education concepts in the professional preservice preparation program will be planned to include the major dimensions and concepts of career education.

Fiscal Year 1972

SB004291

A Model for Curriculum Development in Career Awareness and Exploration.
Project Director: Spires, Jerry
Organization: Tigard School District, Oreg.

The goal of this project is to develop programs and processes for including career awareness in grades 1-6; career exploration in grades 7-10; and career emphasis in grades 11-12, via the development of twelve job clusters. The Tigard School District has designated Twality Junior High and Templeton Elementary as model schools in the beginning phase of its long-range career education plan.

SB004292 VTP-848

Elementary Careers Oriented Relevant Education.
Project Director: Crone, Charles C.
Organization: Springfield School District 19, Oreg.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The goal of this project is to refocus instruction in grades 1-6 in which subjects taught are related to the occupational, family, citizen, and avocational life roles of each student, thus making instruction more meaningful and relevant to students and better preparing them to make desirable choices. Teacher guide revisions will include staff inservice plans.

SB004293

Increasing the Vocational Awareness of Elementary School Children.
Project Director: Jones, Darrell L.
Organization: Pleasant Hill School District 1, Oreg.
Funding Period: Start Date 1 Jul 71; End Date 30 June 72

This project provides for the development of a model career awareness program for grades 4-6 in a small school district. Staff development, content development, use of community resources, and total staff involvement in the planning and implementation process are features of the project.

SB004294

Exploratory Program in Career Education in Whitaker Middle School–Phase I.
Project Director: Wallis, Leroy E.
Organization: Whitaker Middle School, Portland, Oreg.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The project will attempt to develop a method of incorporating career education in an exploratory program by designing modules with short units of work. One-hour modules will cover areas of interest indicated by a student, staff, and community survey. Other units will be developed for team teaching.

SB004295

Operation Bootstrap.
Project Director: McIntyre, Richard
Organization: Paisley Public School District 11, Oreg.

This project will seek to determine if a modified cluster and occupational program can be planned and implemented to meet the career needs of a small isolated high school and be financially feasible. The design will become a modified multi-cluster program incorporating minicourses which will include the construction cluster, power mechanics, metals, and elements of forestry and agriculture.

SB004296

Saturday Supplement.
Project Director: Pollard, Bob
Organization: Portland Community Coll., Oreg.
Funding Period: Start Date 1 Sep 71; End Date 30 Apr 72

To determine the best approaches to be used in career orientation and self-counseling, this project, an expansion of a Saturday program at the Portland Community College Educational District, will provide for exploratory experiences for up to 120 tenth grade students in a minimum of two cluster areas. Ninth grade students will be involved in less depth.

SB004297 VTP-101

Career Education: An Integral Part of Teacher Education.
Project Director: Ten Pas, Henry
Organization: Oregon State Univ., Corvallis. Div. of Vocational, Adult, and Community Coll. Education.
Funding Period: Start Date 15 Jun 71; End Date 15 Jun 72

This project will outline a developmental strategy to acquaint prospective teachers at the elementary, secondary, and postsecondary levels with career education concepts and how to incorporate them into classroom teaching. Career education concepts in the professional preservice program of teachers will be identified, and modification of common preservice preparation programs will be planned to include the major dimensions and concepts of career education.

SB004298

Career Exploration Pilot Study.
Project Director: Ripley, Theresa
Organization: Oregon Univ., Eugene.

The objectives of this project are to test the feasibility of devising other methods to implement the career exploration phase goals in the school curriculum and design and plan an applied research project concerned with determining various outcome and cost factors relative to career exploration procedures.

SB004299

Career Education Week.
Project Director: Olsen, Ronald
Organization: Coos County Intermediate Education District, North Bend, Oreg.

The purpose of this project is to upgrade the image of career education in the eyes of school personnel, students, and the public by holding a career education week. An attempt will be made to have ninety percent of the adult population in the South Coast area receive written, oral or visual materials explaining the career education concept.

SB004300

Junior High Exploratory Programs Assessment Project.
Organization: Pleasant Hill Junior High School, Oreg.

This project intends to develop an assessment instrument for interested districts to use in determining the status and needs of their respective career education programs. The instrument is designed to provide an overview of key elements in career education in a short period of time. Procedures will include using two teams: the first one familiar with the system being assessed and the second one familiar with other Oregon school systems.

SB004301

Interdisciplinary Career Curriculum.
Organization: Coos County Intermediate Education District, North Bend, Oreg.

Descriptive information unavailable.

SB004302

Development of Evaluation Instrument to Determine Effectiveness of World of Work Program.
Project Director: Vossen, Earle E.
Organization: Bethel School District, Eugene, Oreg.
Funding Period: Start Date 14 Jun 72; End Date 1 Jul 72

The intent of this project is to develop evaluation instruments for each grade level, 1-6, to help determine the effectiveness of the career awareness instruction offered to elementary students. Development of the grade level instruments will be structured so as to incorporate the behavioral objectives established for each grade level and outlined in the world of work program.

SB004303

Interdisciplinary Units in Career Education.
Organization: Stayton Union High School, Oreg.

Descriptive information unavailable.

SB004304

Planning Grants.
Organization: Tigard Public Schools, Oreg.

Descriptive information unavailable.

SB004305

Special Research Projects.
Organization: Springfield Public Schools, Oreg.

Descriptive information unavailable.

Fiscal Year 1973

SB004306 VTP-852

Career Education an Integral Part of Teacher Education.
Project Director: Gardner, Richard E.
Organization: Oregon State Univ., Corvallis. Div. of Community Colleges and Career Education.
Funding Period: Start Date 15 Sep 72; End Date 30 Jun 73

Teacher education candidates in state higher education institutions will participate in a program emphasizing career education and its relationship to the needs of people, existing school programs, and their areas of specialization. Activities will include reviewing pertinent literature, developing an instrument for survey purposes, administering the instrument to a selected population, analyzing data, and reporting findings.

SB004307 VTP-850

Proposal for a Workshop for the Improvement of Vocational Physics Instruction in Oregon's Community Colleges.
Project Director: Gubrud, Allan
Organization: Lane Community Coll., Eugene, Oreg.
Funding Period: Start Date 12 Jun 72; End Date 30 Jun 73

The preliminary objective of this workshop is to produce a written report identifying which basic physics principles are most relevant to the needs of students in each of a number of occupational programs. The workshop will be divided into three sessions: welding and machine shop; appliance repair, and heat and refrigeration electronics; and automotive mechanics, industrial technology, and drafting. Presentations and discussions will take place in each session.

SB004308 VTP-847

Tigard Project in Career Awareness.
Project Director: McBath, Jerry
Organization: Tigard School District, Oreg.
Funding Period: Start Date 28 Aug 72; End Date 10 Jun 73

The purpose of the project is to develop career awareness and positive attitudes toward the world of work in elementary school pupils. Team leaders will develop materials for dissemination and discussion at a staff inservice meeting.

SB004309

Industrial Arts Exploration Consortium.
Project Director: Kenneke, Larry J.
Organization: Oregon State Univ., Corvallis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 75
Contract and/or Control No.: RE-3-74

The purpose of this project is to provide classroom teachers with several alternate program models and accompanying materials to provide guidelines and give impetus to career development activities for industrial arts students in the middle grades. Phase I will deal with the conceptualization of alternative industrial career development models, and Phase II will be concerned with further development and selected testing of Phase I materials.

SB004310

Career Exploration Model Based Upon Transportable Project Components of Existing Pilot and Demonstration Project.
Project Director: Down, George
Organization: Junction City School District 69J, Oreg.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

This project will use two phases to develop a career exploratory curriculum. Phase I will develop an assessment instrument to determine components which may be applicable to the formation of a career program. Phase II will plan and implement a career program curriculum targeted for grades 7-10. Staff and Counselors will be provided with inservice programs, and a model for transporting components to interested schools will be developed.

SB004311

Guidance Awareness Program. Narrowing the Gap Between Home and School.
Project Director: LaMont, Ken
Organization: Bend School District 1, Oreg.
Funding Period: Start Date 20 Jun 74; End Date 20 Jun 75

This project will attempt to develop a program to prepare both students and parents for a productive high school experience. Specific objectives are to (1) increase decision-making abilities and goal formulation at the sophomore level, (2) expand the local guidance program to include the home situation, (3) increase community support for guidance and other school programs, and (4) provide a model career guidance program.

SB004312

Elementary Career Awareness.
Project Director: Sjolander, Jan
Organization: Eugene School District 4J, Oreg.
Funding Period: Start Date 1 Jun 73; End Date 30 Jun 74
Contract and/or Control No.: R-A-10-74

An attempt will be made in this project to identify the guidance oriented components of the career awareness process and develop an inservice program to increase staff awareness of the guidance components and methods of incorporating those components into classrooms. Two elementary schools will be involved in this project.

SB004313

Systems Approach to Learning in Occupational Education.
Project Director: Austen, Donald J.
Organization: Clackamas Community Coll., Oregon City, Oreg.

This endeavor will establish a center for development of systems approaches to learning in occupational education. Centrally located, the center's primary function will be coordination of efforts of community colleges and high schools in developing, collecting, and disseminating individualized instructional materials.

SB004314

Development of Advisory Committee Guidelines.
Organization: Coos County Intermediate Education District, North Bend, Oreg.

Descriptive information unavailable.

SB004315

Integration of Career and Consumer Education and Reading and Language Arts Program Level Goals.
Project Director: Hodges, Ralph
Organization: Portland Public Schools, Oreg. Area III Office.
Funding Period: Start Date 1 Jun 73; End Date 30 Jun 74
Contract and/or Control No.: R-A-4-74

This project will investigate, study, and identify the substantive career and consumer education content in the reading and language arts curriculum materials in the Portland Public Schools. Prototype materials and guidelines for instructional procedures for effectively creating an awareness of these concepts among children will be developed and field tested among cooperating teachers in several primary grade schools in Area III.

SB004316

Mutiple Teacher Approach to Implementing a Service Cluster.
Project Director: Olson, Leon
Organization: Ashland Public Schools, Oreg.
Funding Period: Start Date 30 Jul 73; End Date 1 Aug 73

The purpose of this project is to begin planning for a social service cluster for Ashland High School. A planning workshop will be held to appoint an advisory committee, establish a list of occupations in the social services field, develop a tentative class schedule, and decide how a social services class might operate.

SB004317

Proposal Development.
Organization: Boise Elementary Schools, Grants Pass, Oreg.

Descriptive information unavailable.

SB004318

Interdisciplinary Support Classes.
Project Director: Smith, James Alfred
Organization: Banks High School, Oreg.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: R-J-3-74

This exemplary program at Banks High School will develop interdisciplinary classes in mathematics and communications skills to improve the success of disadvantaged students in career cluster programs. Emphasis will be placed on relating basic mathematical and communications skills to the world of work. Precluster and career cluster basic units will be provided across cluster lines.

Fiscal Year 1974

SB004319

Interdisciplinary Support Classes.
Project Director: Smith, James Alfred
Organization: Banks School District 13, Oreg.
Funding Period: Start Date 1 Jun 73; End Date 31 Jul 74
Contract and/or Control No.: 34-013-010

This exemplary program at Banks High School will develop interdisciplinary classes in mathematics and communications skills to improve the success of disadvantaged students in career cluster programs. Emphasis will be placed on relating basic mathematical and communications skills to the world of work. Precluster and career cluster basic units will be provided across cluster lines.

SB004320

Proposal Development for a Research Project.
Organization: Boise Elementary School, Portland, oreg.

Descriptive information unavailable.

SB004321

Proposal Development for a Research Project. Applied Research in Career Education.
Project Director: Withycombe, Richard
Organization: John Adams High School, Portland, Oreg.
Funding Period: Start Date 1 Jul 74; End Date 31 Jul 75

The objectives of this project are to systematically improve the overall quality of career education programming within Adams High School through the use of school-based, applied research techniques and provide substantive information to other schools and school districts regarding viable methods of collecting and analyzing data related to career education offerings.

SB004322

Vocational-Career and Guidance – A New Direction for Bend Senior High School.
Project Director: Evans, Jan
Organization: Bend School District 1, Oreg.
Funding Period: Start Date 1 May 73; End Date 1 Jun 74

This project will survey and assess present and past students concerning vocational guidance and counseling at the high school and utilize this feedback to develop new programs. Goals include increasing high school faculty members' ability to enhance student self-awareness and self-concept, increasing student informational background and career decision-making ability, and increasing effectiveness of career guidance counselors.

SB004323

Meeting Individual Needs in Clusters.
Organization: Klamath Union High School District 2, Klamath Falls Oreg.

Descriptive information unavailable.

SB004324 VTP-1114

Systems Approach to Learning in Occupational Education.
Project Director: Austen, Donald J.
Organization: Clackamas Community Coll., Oregon City, Oreg.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This endeavor will establish a center for development of systems approaches to learning in occupational education. Centrally located, the center's primary function will be coordination of efforts of community colleges and high schools in developing, collecting, and disseminating individualized instructional materials.

SB004325

Consortium for Planning, Developing, and Implementing Career Exploratory Industrial Career Development Models. (Phase I or III).
Project Director: Kenneke, Larry J.
Organization: Oregon State Univ., Corvallis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: R-E-3-44

A three-year consortium of public school districts will design several alternate industrial arts career development models for middle grades (6-10). Accompanying materials will include curriculum guides; supporting and pretest instructional materials; and preservice and inservice programs for supervisory, classroom, and guidance personnel. Programs will be implemented and evaluated in consortium schools. Models and instructional materials will be disseminated to other districts.

SB004326

Elementary - Career Awareness Project.
Project Director: Sjolander, Jan
Organization: Eugene Public School District 4J, Oreg.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: R-A-10-74

Staff members from five elementary schools in the district will identify and develop guidance-related activities appropriate to career awareness, the life role concept, and the work world. Their objectives will include infusing guidance activities into elementary classrooms, helping students develop self-awareness, and promoting dissemination of the guidance component through the district and state.

SB004327

A Community Experience Based Career Exploratory Program for Vale Middle School.
Project Director: Deymonaz, Frank
Organization: Vale School District 15, Oreg.
Funding Period: Start Date 1 Jan 73; End Date 30 Sep 74
Contract and/or Control No.: R-E-4-74

To build a foundation for the program, the project will form a lay advisory committee to aid in planning and developing a program for Vale Middle School (grades 7-8) which is transportable to other

schools. Other objectives include developing a comprehensive community resource guide, investigating existing career exploratory projects for adaptable components, and developing physical facilities to accommodate the program.

SB004328

Materials Development Center for Career Awareness.
Project Director: Fancher, Burr
Organization: Linn-Benton Intermediate Education District, Albany, Oreg.
Funding Period: Start Date 1 Nov 73; End Date 15 Apr 74
Contract and/or Control No.: R-A-99-74

Ten sessions of career awareness materials development will be provided for 230 Albany area elementary teachers. A consultant will be available for all sessions, and teachers will be provided with cut and paste material and demonstrations of activities to facilitate implementation of strong awareness programs in the classrooms.

SB004329

Local Production of Relevant Awareness Media.
Project Director: Ousterhout, William K.
Organization: Central School District 13J, Independence, Oreg.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: R-A-3-74

The project proposes to plan, script, film, and narrate ten short movies with cassette audiotapes of people at work in the Monmouth-Independence area. Elementary students will see films of people they know at work, hear them talking about their jobs, and therefore form more positive attitudes toward careers.

SB004330

Proposal Development of a Research Project – Foreign Language in Career Education.
Project Director: Dill, Wolfgang
Organization: Clackamas Community Coll., Oregon City, Oreg.
Funding Period: Start Date 1 Jan 74; End Date 30 Jun 75
Contract and/or Control No.: R-M-1-75

This project intends to popularize the concept of integrating a second language and career education program goals and develop materials to aid in the implementation of such integrated programs. A two-week workshop will be held at Oregon State University. A teaching manual, videotape, and mobile display will be developed.

Fiscal Year 1975

SB004331 VTP-1809

A Creative Career Education Language Arts Project for the Disadvantaged.
Project Director: Staver, Jane
Organization: Portland Public Schools, Oreg. Area III Office.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of this project is to motivate student and teacher teams to research language arts materials which meet their needs and research career education clusters which have priority and meaning in the positive structure of their subculture. Resource materials which cover linguistic knowledge will be collected by the director, a framework for a model designed to meet the needs of seventh and eighth grade students will be developed, and goal-based lesson plans will be designed.

SB004332 VTP-1806

Implementation of Integrated Foreign Language and Career Education Program Goals.
Project Director: Dill, Wolfgang
Organization: Clackamas Community Coll., Oregon City, Oreg.
Funding Period: Start Date 11 Jan 74; End Date 10 Jan 75

The objectives of this project are to orient the thirty members of the Oregon Foreign Language Council (OFLC) to the purpose, scope, and procedure for implementation of integrated and career education program goals and hold at least six meetings with the OFLC before the two-week workshop. The project director will identify at least one foreign language on every level of education to research for articulation purposes.

SB004333 VTP-1812

Consortium for Planning, Developing, and Implementing Exploratory Industrial Career Development Models.
Project Director: Kenneke, Larry J.
Organization: Oregon State Univ., Corvallis.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project intends to provide classroom teachers with alternative industrial career development models; develop curriculum guides, supporting instructional materials, and systematic preservice programs; pretest instructional materials; and implement and evaluate industrial career development programs in schools. The long-range plan calls for a three-year consortium of public school districts.

SB004334 VTP-1845

Applied Research in Education.
Project Director: Withycombe, Richard
Organization: John Adams High School, Portland, Oreg.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

A stratified random sample will be used to determine students' degree of participation in existing career education programs. Various protocol materials will be developed and administered to the student sample groups and to all teachers who have career education instructional responsibilities. Parents will be chosen at random and requested to respond to a mailed opinionnaire.

SB004335 VTP-1843

An Approach to Changing Teacher Attitudes and Updating Teacher Information About Career Education: A Research Project in Procedures.
Project Director: Brous, Susan D.
Organization: Grants Pass School District 7, Oreg.
Funding Period: Start Date 1 Jul 74; End Date 1 Jul 75

The objectives of this project are to locate or develop a brief evaluation instrument, assess the total staff to determine baseline data, utilizing Portland State University's inservice field testing model, identify workable formats from other research and exemplary projects, and use the tabulated statistical information gathered from the instruments. All previously developed attitude, knowledge, or competency instruments in career education will be obtained.

SB004336 VTP-2059

Career Awareness Inservice for Educators.
Project Director: Etzel, Nat
Organization: Jackson County Intermediate Education District, Medford, Oreg.
Funding Period: Start Date 1 Feb 75; End Date 31 Dec 75

The objectives of this project are to develop five 20-minute videotapes on career awareness and a written inservice package to accompany them and provide regional coordinators with a transportable model for inservice career awareness.

SB004337

Community Involvement with Disadvantaged Students.
Project Director: McKillip, Paul
Organization: Klamath County School District, Klamath Falls, Oreg.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

To upgrade the occupational aspirations of disadvantaged Merrill students and make them aware of the need to acquire saleable skills, adult models from many occupational areas will interact with students to provide adult viewpoints regarding the world of work and its impact on the individual. Other objectives include raising achievement levels in mathematics, reading, and language and increasing community awareness of the needs of the disadvantaged.

SB004338

A Review of Vocational Research and Exemplary Projects.
Project Director: Kenneke, Larry J.
Organization: Oregon State Univ., Corvallis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 75
Contract and/or Control No.: RE-3-74

This project will produce two documents: a handbook of information on transportable vocational products and processes resulting from selected research and exemplary projects, and a technical report of an evaluation of those projects. Project staff will develop

evaluative criteria, instrumentation, and procedures to be pilot tested, revised, field tested, and again revised. Selected projects will then be reviewed and documented.

SB004339 **VTP-1497**

Guidance Awareness Program. Narrowing the GAP between Home and School.
Project Director: LaMont, Ken
Organization: Bend School District 1, Oreg.
Funding Period: Start Date 20 Jun 74; End Date 20 Jun 75

This project proposes to develop a program which will prepare both students and parents for a productive high school experience. A visit will be made to the home of each incoming sophomore student for an orientation and guidance conference, and small group meetings with the sophomore students and their advisors will be conducted.

Fiscal Year 1976

SB004340

Catalyst for Career Choice.
Project Director: Leppert, Judith
Organization: Madison High School, Oreg.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

This project provides for a half-time person to be a catalyst to assist the coordinator of freshman and sophomore exploratory and guidance programs in increasing cluster enrollment; develop an awareness program for Madison High School junior and senior students who have not reached the decision-making level of career development; heighten staff awareness to the needs of students in career education, and develop planned sequences of community-based experiences.

SB004341 **VTP-2526**

Methodology for the Evaluation of Career Decision Making Skills in Rural Schools.
Project Director: Paulsen, Leroy J.
Organization: Malheur Intermediate Education District, Vale, Oreg.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The focus of future evaluations of the SIXCO project will be on a product-type assessment to measure the influence which the guidance processes have upon career decision-making skills development. The design calls for using the Career Maturity Inventory (an attitude scale) to pretest and posttest tenth, eleventh, and twelfth grade students.

SB004342

Review of Vocational Research and Exemplary Projects.
Project Director: Kenneke, Larry J.
Organization: Oregon State Univ., Corvallis. Vocational-Technical Education Unit.

This project will produce two documents: a handbook of information on transportable vocational products and processes resulting from selected research and exemplary projects, and a technical report of an evaluation of those projects. Project staff will develop evaluative criteria, instrumentation, and procedures to be pilot tested, revised, field tested, and again revised. Selected projects will then be reviewed and documented.

SB004343

To Further Develop and Disseminate Products of the Vale Middle School Career Exploratory Program.
Project Director: Deymonaz, Frank
Organization: Vale Elementary School District 15, Oreg.
Funding Period: Start Date 1 Jun 74; End Date 30 Jun 75

The purpose of this project is to set objectives and conduct activities to substantially complete the community experience-based career education program for the 170 students in grades 7-8 at Vale Middle School. This project will provide for substantial completion of the career exploratory program as a pilot school project under the SIXCO plan. This is the third phase of a three-phase program.

SB004344 **VTP-2607**

Technical Assistance With the Use of Student Outcomes in the Evaluation of Occupational Exploration Programs.
Project Director: Suzuki, Warren
Organization: Oregon State Univ., Corvallis. School of Education.
Funding Period: Start Date 1 Aug 76; End Date 15 Jun 77

This project proposes to develop a means of evaluating occupatinal exploration programs. The project will utilize a field-test version of a handbook that will enable educational practitioners to evaluate their occupational exploration programs with relative ease and accuracy.

SB004345

A Unified Approach to Career Guidance Program Development in Secondary Schools.
Project Director: Rasmussen, Marv
Organization: Portland Public Schools, Oreg.
Funding Period: Start Date 1 Aug 76; End Date 30 Jun 77

The goals of this project include identifying existing strategies for providing a better, more meaningful delivery system of career guidance and counseling in the Portland School District and developing new ones; defining a process for implementing change; and implementing identified activities, services, and programs in participating schools.

Fiscal Year 1977

SB004346

Model Program for Surveying Employers of Automotive Technology Graduates.
Project Director: Tressider, Alan
Organization: Chemeketa Community Coll., Salem, Oreg.
Funding Period: Start Date 14 Mar 77; 1 Mar 78
Contract and/or Control No.: ER-M-3-77

In this follow up study of community college graduates, the project will survey employers. The purposes of the project are to (1) acquire meaningful data for educational assessment, (2) increase the relevance and applicability of occupational curricula in community colleges, (3) increase the involvement of the automotive technology advisory committee and initiate an outside evaluation of survey activities, and (4) develop a model survey instrument for community college occupational programs.

SB004347

A Review of State Student Follow-Up Design.
Organization: Clackamas County Intermediate Education District, Marylhurst, Oreg.
Funding Period: Start Date 30 Nov 76; End Date 31 Dec 76
Contract and/or Control No.: 370-06

Funding will allow a Clackamas County Intermediate Education District representative to attend the American Vocational Association Convention Pre-Session to study student follow-up design.

SB004348 **VTP-2974**

Community College Followup Pilot Project.
Project Director: Blucher, Bob
Organization: Lane Community Coll., Eugene, Oreg.
Funding Period: Start Date 15 Sep 77; End Date 30 Jun 78

The project's purpose is to revise and field test the community college follow-up survey instrument so that data collected is more useful to program administrators and federal data collection requirements are met. The present community college follow-up system will be revised, the new instrument will be field tested on at least 100 subjects selected from a population of one year's graduates and early leavers, and results will be reported.

SB004349 **VTP-2895**

Increasing Career Awareness and Exploration for Adults Making Career Decisions.
Project Director: Winquist, John
Organization: Lane Community Coll., Eugene, Oreg.

404

Funding Period: Start Date 1 Jan 77; End Date 31 Dec 77

The purpose of the project is to develop and implement use of intensive awareness and exploration materials for ten vocational programs offered at the college. Business and industry will be contacted to help provide information and develop multimedia learning material and onsite job visitations.

SB004350 **VTP-2896**

Utilizing Parent and Community Resources.
Project Director: Grimes, Daniel B.
Organization: Lane County Intermediate Education District, Eugene, Oreg.
Funding Period: Start Date 1 Jan 77; End Date 30 Dec 77

The project's objective is to develop, field test, revise, and disseminate a guide for utilizing parent and community resources in the elementary school to enhance career awareness activities in rural, urban, and suburban settings. Procedures will include soliciting materials from selected model projects throughout the state, selecting five consultants to write the handbook, selecting pilot schools, and monitoring pilot school projects.

SB004351 **VTP-2867**

Model Exploratory Work-Experience Program for Grades 7-12.
Project Director: Lampard, Sandra
Organization: Lincoln County School District, Newport, Oreg.
Funding Period: Start Date 1 Feb 77; End Date 1 Feb 78
Contract and/or Control No.: R-E-4-77

The purpose of the project is to provide an exploratory work experience for all students in grades 7-12. Specific objectives are to expose students to diversified geographical and socioeconomic areas, help students eliminate sex sterotyping, and prepare students for minimum job entry level. The procedures will include implementing exploratory work experience in key curriculum areas (industrial arts, art, and home economics).

SB004352

Model for Disseminating Promising Practices to Oregon Schools.
Project Director: Lofts, Ada
Organization: Linn-Benton Intermediate Education District, Albany, Oreg.
Funding Period: Start Date 1 Aug 77; End Date 30 Jun 78

This project intends to develop a model approach for dissemination of recognized promising practices to Oregon school districts. A handbook, developed to identify the research and exemplary projects which are transportable to other areas, will be expanded.

SB004353 **VTP-2869**

Research on the Utilization of Oregon Department of Education Materials in Approved Vocational Programs in Linn, Benton, and Lincoln Counties.
Project Director: Lofts, Ada
Organization: Linn-Benton Intermediate Education District, Albany, Oreg.
Funding Period: Start Date 14 Mar 77; End Date 30 Jun 77

The purpose of the project is to determine the extent to which guides and other teaching materials produced by the Oregon State Department of Education are being used by vocational teachers in state-approved vocational programs. Deterrents to use will be identified and recommendations will be made for types of materials which should be developed for future use.

SB004354

Career Awareness Communiuty Resource Project. The Development of Alternative Models and an Adopter's Guide for Utilizing Parent and Community Resources in the Elementary School.
Project Director: Grimes, Daniel B.
Organization: Marion County Intermediate Education District, Salem, Oreg.
Funding Period: Start Date 1 Mar 77; End Date 30 Jun 78

The goal of this project is to develop a transportable model which will assist schools in developing a system for effectively using parent-/community resources. Procedures will include identifying components of alternative models, field testing the document, implementing use of the adopters' guide, and disseminating the model to local education agencies.

SB004355

Career Awareness in Oregon, Slide/Tape Presentation.
Project Director: Grimes, Daniel B.
Organization: Marion County Independent Education District, Salem, Oreg.
Funding Period: Start Date 1 Mar 77; End Date 30 Sept 77

The purpose of this project is to develop one 15-minute slide/tape presentation explaining the Career Awareness/Exploration (K-12) program and involve cadre members and regional career education coordinators in presenting Oregon Department of Education career awareness/exploration concepts, goals, and activities to elementary and secondary teachers in a consistent and uniform way.

SB004356

Career Education/Language Arts Infusion Project.
Project Director: Grimes, Daniel B.
Organization: Marion County Intermediate Education District, Salem, Oreg.
Funding Period: Start Date 1 Mar 77; End Date 30 Jun 78

The aim of this project is to develop an integrated Language Arts/-Career Awareness Curriculum Kit for grades 7-12. Language arts units will be selected at each grade level and infused with career awareness activities that will enhance and help to make the units more relevant. An awareness specialist and a language arts specialist at the State Department of Education will direct three educators in writing career awareness activities.

SB004357 **VTP-3082**

Subproject Number Six: Research and Development of a Model for Improving the Technical Competencies of Vocational Teachers.
Project Director: Heuchert, Arnie
Organization: Portland Development Center, Oreg.
Funding Period: Start Date 1 Oct 77; End Date 31 Aug 78

This project intends to develop a plan whereby private and public schools can use community resources to update and broaden the technical skills of secondary and postsecondary vocational teachers in the Portland, Eugene, and Salem areas. Needs of area teachers with regard to emerging business trends will be identified. Vocational, business, and industrial personnel will develop onsite workshops and seminars.

SB004358 **VTP-2868**

Refine and Field Test Models for the Use of a Data Base in Planning State and Local Vocational Education Programs at the Secondary Level.
Project Director: Rasmussen, Marv
Organization: Portland Public Schools, Oreg.
Funding Period: Start Date 3 Jan 77; End Date 30 Jun 77

The purpose of the project is to field test planning concepts from the Manpower Data Base Project model for vocational education program planning and review and insure inclusion of the concepts in ongoing program planning and review. Procedures will include meeting regularly with area career education specialists to identify and coordinate the delivery of needed support services and working with appropriate personnel to increase their effectiveness in using SERVE, student follow-up materials, and student needs assessments.

SB004359 **VTP-2866**

Development of Model Work Experience Program for Grades 7-12.
Project Director: Pambrun, Sam
Organization: Scio School District, Oreg.
Funding Period: Start Date 1 Feb 77; End Date 1 Feb 78

This project proposes to develop an exploratory work experience component which will assist students to make sound decisions in selection of a vocational curriculum. Suitable work stations and in-service training sponsors will be identified, and a management system for coordinating and monitoring the delivery of exploratory work experiences to students in grades 7-12 will be developed.

Part D

Fiscal Year 1970

SB004360

Pilot Program to Facilitate the Articulation of High School - Community College Occupational Education Program in Clackamas County Area Education District.
Project Director: Kaiser, Robert
Organization: Clackamas Community Coll., Oregon City, Oreg.
Funding Period: Start Date 1 Mar 70; End Date 31 Aug 70

Objectives of this program for youth and adults with socioeconomic, academic, physical, or other handicaps include determining employment opportunities available when appropriate education and training are provided; identifying, reviewing, and reorganizing curriculums and curriculum materials based on determined need; and planning the articulation of curriculums and courses based upon the utilization of available or projected curriculum materials, methods, facilities, and instructional personnel.

SB004361

Fashion Store Training Laboratory.
Project Director: Douglas, Lewis
Organization: Portland Community Coll., Oreg.
Funding Period: Start Date 1 Apr 70; End Date 30 Jun 71

A campus fashion store will be established at Portland Community College as a training laboratory for all business students, including disadvantaged and handicapped. The objectives of this exemplary program include broadening the scope of work experience opportunities, articulating the school program with mid-management employment, and involving students in the management of a business enterprise.

SB004362

Reach-Out for Vocational Students.
Project Director: Kahanson, I. S.
Organization: Lane Community Coll., Eugene, Oreg.
Funding Period: Start Date 1 Jan 70; End Date 1 Oct 70

Adults disadvantaged because of limited skills or lack of previous educational opportunity will be sought out by Lane Community College (LCC) to participate in LCC occupational programs, thereby broadening their skills and subsequently their earning capacities. A high school completion program, assisted by a study skills center, will be available.

SB004363

Video-taped Interviews and Observations of Employment Opportunities in Salem Trade Area.
Project Director: Shipley, Richard D.
Organization: Salem Public School District 24J, Oreg.
Funding Period: Start Date 7 June 71; End Date 6 Jul 71

This program, designed for ninth grade students at Whitaker Junior High School, will include the following objectives; preparing aproximately sixty video tape recordings, with teachers' manuals, dealing with entry jobs in the Salem area; using the tapes for making career information available to educationally disadvantaged students; and distributing the materials to other schools and interested agencies in the Salem area.

SB004364

The Development of Occupational Curriculum to Enhance the Cluster Concept of Education at Cascade School District.
Project Director: Archer, Fred
Organization: Cascade Union High School District 5, Turner, Oreg.
Funding Period: Start Date 8 Jun 70; End Date 20 Aug 70

Nine-week occupational programs will be designed in clerical, stenographic, accounting, food services, metals, construction, mechanical, and electrical areas to provide ninth grade students with occupational information and actual experiences in a minimum of four occupational areas. Other objectives include providing students with information for self-understanding and analysis, implementing a system for graduate follow-up and strengthening the cluster program.

SB004365

Projessco - Cooperative School - Business Program for the Disadvantaged.
Project Director: Malo, Roy
Organization: Multnomah County School District 1, Portland, Oreg.
Funding Period: Start Date 1 Mar 70; End Date 30 Jun 71

Approximately three hundred students in grades 9-12 at Grant High School will be selected from those whose graduation and employability are in question. The objectives are to have these Projessco students achieve high school graduation and successful employment. Objectives include helping students to improve self-awareness concepts, academic skills, classroom and work habits, and attitudes essential to academic and employment success.

SB004366

Cooperative Approach to Realistic Education (CARE).
Project Director: Owens, Fred E.
Organization: Siuslaw School District 97J, Florence, Oreg.
Funding Period: Start Date 23 Feb 70; End Date 5 Jun 70

With assistance from Lane Community College, the mechanical occupational education cluster at Siuslaw High School will be adapted to accommodate students from Mapleton School and Camp Florence. Objectives include helping students to gain skills and attitudes necessary for entry-level employment or further study and the ability to continue individual learning. Factors that encourage students to participate will be identified.

SB004367

Implementing a Common Core of Related Training for Apprentices.
Project Director: Jordan, Wilfred
Organization: Linn-Benton Community Coll., Albany, Oreg.
Funding Period: Start Date 1 Apr 70; End Date 1 Apr 71

This project will plan, develop, and implement in the Linn-Benton Area Education District a common curriculum applicable to a variety of apprenticeable trades. Course outlines will be developed. Local apprenticeship advisory committees and other concerned agencies will be used for developing the program, and Oregon community colleges and other concerned agencies will be informed of its progress.

SB004368

Office Simulation.
Project Director: Pashek, Barbara A.
Organization: Dufur High School, Oreg.
Funding Period: Start Date 19 Jan 70; End Date 22 May 72

A model office will be arranged where junior and senior secretarial students will do typing and duplicating for the public and for teachers. Students will also act as office manager and receptionist. Objectives include enabling students to achieve the standards of work and responsibility necessary to compete in the business world.

SB004369

Occupational Exploration for Small High Schools.
Project Director: Savage, Robert G.
Organization: Burnt River School District, Unity, Oreg.

This project will provide secondary students with vocational education programs. Each of the sixty participants will explore at least three occupational clusters, gaining a minimum of eighty percent of the basic skills outlined for each cluster explored. Other objectives include developing a workable plan for the development of staff and material on a rotating basis.

Fiscal Year 1971

SB004370

Implementing a Common Core of Related Training for Apprentices.
Project Director: Jordan, Wilfred
Organization: Linn-Benton Community Coll., Albany, Oreg.

This project will plan, develop, and implement in the Linn-Benton Area Education District a common curriculum applicable to a variety of apprenticeable trades. Course outlines will be developed. Local apprenticeship advisory committees and other concerned agencies will be used for developing the program, and Oregon community colleges and other concerned agencies will be informed of its progress.

SB004371

Office Simulation.
Project Director: Pashek, Barbara A.
Organization: Dufur High School, Oreg.
Funding Period: Start Date 19 Jan 70; End Date 22 May 72

A model office will be arranged where junior and senior secretarial students will do typing and duplicating for the public and for teachers. Students will also act as office manager and receptionist. Objectives include enabling students to achieve the standards of work and responsibility necessary to compete in the business world.

SB004372

Occupational Exploration for Small High Schools.
Project Director: Savage, Robert G.
Organization: Burnt River School District, Unity, Oreg.
Funding Period: Start Date 1 Jul 71; 30 Jun 72

This project will provide secondary students with vocational education programs. Each of the sixty participants will explore at least three occupational clusters, gaining a minimum of eighty percent of the basic skills outlines for each cluster explored. Other objectives include developing a workable plan for the deployment of staff and material on a rotating basis.

SB004373

Operation Exploration: Meaningful Career Selection Through the Community College.
Project Director: Kaiser, Ronald E.
Organization: Clackamas Comniunity Coll., Oregon City, Oreg.
Funding Period: Start Date 15 Apr 71; End Date 30 Jun 72

Clackamas Community College will provide instructors, facilities, and experiences in occupational areas on Saturday mornings so that secondary, postsecondary, and adult students can sample, evaluate, and explore these areas to make a more informed choice of career objective or change occupational direction or curriculum choice. Other objectives include providing opportunities for counselors and faculty members to gain insight into requirements for selected occupations.

SB004374

Open Entry/Exit Planning and Implementation.
Project Director: Murray, Larry
Organization: Lane Community Coll., Eugene, Oreg.
Funding Period: Start Date 15 Apr 71; End Date 1 Jul 73

As a model for other departments, programming will be implemented in the Business Education Department to enable students to change their courses of instruction. Objectives include assisting teachers in individualizing course instruction, involving all college staff in continuing inservice training, and involving representatives of other colleges in inservice programs and the planning and implementation of the curricula.

SB004375

Exploratory, Grades Seven Through Ten.
Project Director: Kelly, Eugene
Organization: Cascade Union High School District 5, Turner, Oreg.
Funding Period: Start Date 15 May 71; End Date 30 Jun 72

Objectives of this project include developing and publishing an information packet for teachers, developing curriculum for attitude development and initial career exploration activities in the social studies-English program, improving exploratory courses, and providing exploratory work experiences for at least 50 percent of students enrolled in occupational introductory courses.

SB004376

Development of Communications Skills Program for Vocational Students.
Project Director: Pfahl, Alvin K.
Organization: West Linn Public School District 3, Oreg.
Funding Period: Start Date 15 Apr 71; End Date 1 Mar 72

This project will extend a program to help secondary students with industrial occupational goals achieve communication skills necessary to gain employment. Objectives include reviewing existing job sheets by industrial advisory committees; editing, revising, and extending the industrial content of job sheets; adding sheets to achieve a total of about two hundred; and improving the following categories; terminology, symbols, and job hunting skills.

SB004377

Proposal to Develop a Resource Guide to Implement Career Education.
Project Director: Wallis, Leroy E.
Organization: Portland Public Schools, Oreg. Area II Office.
Funding Period: Start Date 15 May 71; End Date 30 Jun 72

Elementary teachers (K-6) will be involved in identifying suggested instructional activities that would successfully develop awareness of the world of work through interdisciplinary instruction using examples from the world of work in conjunction with resources already available in social studies, language arts, mathematics, and economics. These activities will be collected, evaluated, coordinated with existing resources, edited, and made available for pilot use. Following revision, the guide will be published for distribution in the district.

SB004378

Up-Date of World of Work Program, Grades 1-12.
Project Director: Vossen, Earle
Organization: Bethel School District, Eugene, Oreg.
Funding Period: Start Date 27 Apr 71; End Date 25 Jun 71

To revise the World of Work program, the Bethel Career Education Committee will reassign responsibility for career education orientation instruction, update resource materials, rewrite objectives in behavioral terms, and orient personnel. Two three-hour planning sessions and a ten-day workshop are planned and will involve personnel from all grade levels, counselors, and administrators.

SB004379

Guidance in Occupational Activities for Learning.
Organization: David Douglas School District 40, Portland, Oreg.

Prior to entering cluster courses, students in grades 8-10 will identify three or more vocational areas of interest to them, compare their characteristics with known occupational requirements, and observe and experience for a full day the environment of a job within each of three areas. Objectives include having students undergo fewer vocational area changes and demonstrate greater motivation within career cluster courses.

Fiscal Year 1972

SB004380

Proposal to Develop a Resource Guide to Implement Career Education.
Project Director: Wallis, Leroy E.
Organization: Portland Public Schools, Oreg. Area II Office.
Funding Period: Start Date 15 May 71; End Data 30 Jun 72

Elementary teachers (K-6) will be involved in identifying suggested instructional activities that would successfully develop awareness of the world of work through interdisciplinary instruction using examples from the world of work in conjunction with resources already available in social studies, language arts, mathematics, and economics. These activities will be collected, evaluated, coordinated with existing resources, edited, and made available for pilot use. Following revision, the guide will be published for distribution in the district.

SB004381

Up-Date of World of Work Program, Grades 1-12.
Project Director: Vossen, Earle
Organization: Bethel School District, Eugene, Oreg.

To revise the World of Work Program, the Bethel Career Education Committee will reassign responsibility for career education orientation instruction, update resource materials, rewrite objectives in behavioral terms, and orient personnel. Two three-hour planning sessions and a ten-day workshop are planned and will involve personnel from all grade levels, counselors, and administrators.

SB004382

Guidance in Occupational Activities for Learning.
Organization: David Douglas School District 40, Portland, Oreg.

Funding Period: Start Date 1 Aug 72; End Date 31 Jul 73

Prior to entering cluster courses, students in grades 8-10 will identify three or more vocational areas of interest to them, compare their characteristics with known occupational requirements, and observe and experience for a full day the environment of a job within each of three areas. Objectives include having students undergo fewer vocational area changes and demonstrate greater motivation within career cluster courses.

SB004383

Computer Assisted Occupational Exploration.
Project Director: Wallace, Gordon L.
Organization: Clackamas County Intermediate Education District, Oregon City, Oreg.
Funding Period: Start Date 1 Mar 72; End Date 30 Jun 72

In this program, computer printout sheets for the General Aptitude Test Battery and the United States Employment Service Interest Check List will be used. Objectives include having elementary and secondary students accurately identify their interests and abilities and relate them to occupational areas listed in the Dictionary of Occupational Titles, and determine the educational development considered necessary for the listed occupations.

SB004384

An Integrated Approach to Junior High School Career Education.
Project Director: Berkley, Robert
Organization: Eugene Public School District 4J, Oreg.
Funding Period: Start Date 10 Jul 72; End Date 12 Jun 73

This project will develop an integrated program involving seven courses: Self Understanding Through Occupational Exploration, Industrial Arts Curriculum Project, Work Experience Program, Work Observation Program, Occupational Information Access Service, Home Room Career Education Program, and Occupational Exploration Resource Center Activities. Objectives include having students demonstrate an understanding of the economic system and individual roles within it.

SB004385

Job Opportunities and Youth.
Project Director: Brunton, Max L.
Organization: Parkrose Public Schools, Portland, Oreg.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The aims of this continuing project for secondary students include revising portions of "Manpower and Economic Education," integrating career exploration into the ninth grade social studies program, providing more opportunities for two-day work experiences, assisting in conducting a computer-based aptitude and interest-testing program, and cooperating in developing a course for teachers in career exploration techniques.

SB004386

A Proposal to Assist Oregon City School District 62 to Plan and Implement a S.U.T.O.E. Program in an Existing Curriculum.
Project Director: Davis, Dale
Organization: Oregon City School District 62, Oreg.
Funding Period: Start Date 1 Apr 72; End Date 30 Jun 73

The specific objectives of this project are to (1) implement a Self Understanding Through Occupational Orientation (S.U.T.O.E.) program through an interdisciplinary approach, (2) provide a model where other school personnel may visit and observe how a S.U.T.O.E. program may be established without major staff additions, (3) involve all Gardiner Junior High School students in self-understanding and occupational exploration activities, and (4) determine the outcomes of a program using this aproach.

SB004387

Development of Individualized Instructional Materials for Open Entry/Exit Programs.
Project Director: Case, Lewis
Organization: Lane Community Coll., Eugene, Oreg.
Funding Period: Start Date 26 Jun 72; 4 Aug 72

Objectives of this endeavor include assisting in providing open entry/open exit programs for secondary and postsecondary students; producing individualized instructional materials in mechanical, building construction, metals, and clerical occupations; revising and incorporating suitable existing materials into the project; and providing inservice training for instructors to implement and evaluate the concept.

Fiscal Year 1973

SB004388

M.U.S.I.C. (Music - Utilizing Students Investigting Careers).
Project Director: Swafford, Peggy
Organization: Beaverton School District 48, Oreg.
Funding Period: Start Date 1 Sep 72; End Date 1 Sep 73

In this exploratory study, seventh through ninth grade music students will study three categories of music careers: music and the media, performance, and nonperformance. Objectives include having students name five careers in each category, identify postsecondary school training needed, describe the job, and know approximate salary and job availability.

SB004389

Health Careers Exploration.
Project Director: Smith, Margaret
Organization: Multnomah County School District 1, Portland, Oreg.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 74

This project proposes to develop curriculum materials, an inventory of tours, and lists of available resource people and observation sites for a health career exploratory program preparatory to developing a health careers cluster at Roosevelt High School. Other objectives include enabling students to name and define occupations of interest in direct patient care, technical assistance, research, education, administration, and secretarial and clerical areas.

SB004390

Elementary Career Awareness.
Project Director: Sjolander, Jan
Organization: Eugene School District 4J, Oreg.
Funding Period: Start Date 1 Jun 73; End Date 30 Jun 74

The purpose of the first year of this project is to identify components of the career awareness process that are guidance oriented and develop an inservice program to increase staff awareness of these components and how they can be incorporated into classrooms. Twenty-six staff members in the project school will participate in a fifteen-hour developmental workshop, and project staff and control staff will participate in the evaluation.

SB004391

Career Awareness Specialist.
Organization: Multnomah County Intermediate Education District, Portland, Oreg.

Descriptive information unavailable.

SB004392

Individualized Curriculum Revision.
Project Director: Austen, Donald J.
Organization: Clackamas Community Coll., Oregon City, Oreg.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project proposes to establish a center for development of a systems aproach to learning in occupational education. The center would be centrally located in the state to facilitate the coordination of the development, collection, and dissemination of individualized instructional materials with all the community colleges and selected high schools in the state.

SB004393

Individualized Audio Visual Curriculum Development Project.
Organization: Southwestern Oregon Community Coll., Coos Bay.

Descriptive information unavailable.

SB004394

The Oregon Vo-Tech Math Project (Phase I).
Project Director: Swearingen, Dell L.
Organization: Linn-Benton Community Coll., Albany, Oreg.

Funding Period: Start Date 1 Jan 74; End Date 30 Jun 74

This ongoing project is designed to provide resources in the form of verbal problem sets for occupational courses offered in Oregon community colleges and secondary schools, thereby providing students in terminal career occupational programs at community colleges with flexible mathematics programs relevant to career occupations. Staff will use an individualized format in printing the sets, which will allow students to work problems in various career areas and will alleviate materials duplication by instructors.

SB004395

Individualized Metals Curriculum Project.
Organization: Mount Hood Community Coll., Grasham, Oreg.

Descriptive information unavailable.

SB004396

Career Awareness Program.
Organization: Union County Intermediate Education District, La Grande, Oreg.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The aim of this program for occupationally and vocationally disadvantaged children in grades 1-6 is to help them gain knowledge of self-concepts, interpersonal skills, and problem-solving and decision-making techniques. Inservice workshops for teachers will demonstrate career awareness techniques for use at primary, intermediate, and upper elementary grade levels. Students will receive information through field trips, films, and resource people.

Fiscal Year 1974

SB004397

Continuing Project in Career Awareness, Grades K-6.
Project Director: French, Robert P.
Organization: Union County Intermediate Education District, La Grande, Oreg.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The focus of this project is to use personal involvement to make students, teachers, administrators, parents, board members, and other citizens aware of the career awareness concept. Emphasis will be on assessing, planning, implementing and continuing the awareness program within the existing curriculum in each school in the county. Other project areas will include providing such services as resource develoment and career awareness classes for teachers.

SB004398

An Integrated Approach to Junior High School Career Education.
Project Director: Berkley, Robert F.
Organization: Cal Young Junior High School, District 4J, Eugene, Oreg.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: E-E-4-74

This project is Phase II of a program to integrate career education activities into a unified program. Objectives include providing a separate career education program for eighth grade students, completing a career corner in the Learning Resource Center, and providing actual work experience for some students.

SB004399

Exemplary and Innovative Career Exploratory Program in Sherwood Intermediate School and Sherwood High School.
Project Director: Knight, Earl A.
Organization: Sherwood School District 88J, Oreg.
Funding Period: Start Date 5 Sep 73; End Date 7 Jun 74
Contract and/or Control No.: E-5-1-74

This project will develop an eighth grade curriculum for business education, home economics, industrial education, and vocational agriculture-horticulture. Objectives include developing student awareness of self, the world of careers, and occupations existing locally. Provisions will be made for handicapped students within the curriculum.

SB004400

A Self Learning Approach to Career Education in Teacher Preparation.
Project Director: Gardner, Richard E.
Organization: Oregon State Univ., Corvallis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: E-5-2-74

This project intends to identify areas and objectives for career education module development; develop a set of self-learning modules for preservice programs at Oregon State University; field test, evaluate, and modify the modules; and assess the transportability of the modules in three other institutions.

SB004401

Educational Career Awareness Program.
Project Director: Ousterhout, William K.
Organization: Central School District 13J, Independence, Oreg.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: R-A-3-74

This project will attempt to determine the feasibility of locally producing, disseminating, and evaluating three-minute films and accompanying audio cassettes of local persons at work in occupations in the community. The project will supplement field trips and class visits by providing readily available, locally oriented, relevant media materials for use in career awareness education in elementary schools.

SB004402

Continuing Project in Career Awareness, Grades K-6.
Project Director: French, Robert P.
Organization: Union County Intermediate Education District, La Grande, Oreg.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: E-A-1-74

This continuing program for occupationally and vocationally disadvantaged children will provide career awareness services to the eleven elementary schools of Union County. Goals of the project include providing functional resource centers and inservice sessions for teachers, developing student-initiated activities, and establishing a mobile resource laboratory for teachers.

SB004403

A Proposal to Assist Oregon City School District No. 62 to Continue a S.U.T.O.E. Program in an existing Curriculum.
Project Director: Davis, Dale
Organization: Oregon City School District 62, Oreg.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The specific objectives of this project are to (1) implement a Self Understanding Through Occupational Orientation (S.U.T.O.E.) program through an interdisciplinary approach, (2) provide a model where other school personnel may visit and observe how a S.U.T.O.E. program may be established without major staff additions, (3) involve all Gardiner Junior High School students in self-understanding and occupational exploration activities, and (4) determine the outcomes of a program using this approach.

SB004404

Health Careers Exploration.
Project Director: Smith, Margaret
Organization: Roosevelt High School, Portland, Oreg.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: E-E-5-74

In its second year, this project at Roosevelt High School seeks to continue expansion of field trip opportunities and career oriented curriculum. Other objectives include establishing dialogue with other Portland area health cluster curriculum personnel, developing interdisciplinary support, and determining an outline of specific careers for student participation. Provisions for the handicapped are included.

SB004405

Total Career Program.

Project Director: Jones, Darrell L.
Organization: Pleasant Hill School District 1, Oreg.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: E-E-1-74

This project will continue developing, expanding, implementing, and evaluating the career program in Pleasant Hill School District No. 1. Objectives include reviewing, assessing, revising, and expanding the career awareness curriculum reviewing, assessing, revising, and expanding the career awareness curriculum supplement for grades 1-3 and the Self Understanding Through Occupational Orientation and mini-courses for grades 7-8; and planning and developing curriculum supplements for grades 9-10 in cluster areas of construction, technology, steno-secretarial, diversified occupations, health services, and child services.

SB004406

Career Awareness Resource Center.
Project Director: Box, Ken
Organization: Beaverton School District 48, Oreg.
Funding Period: Start Date 1 Jul 74; End Date 31 Jan 76

The purpose of this project is to develop a cataloguing and retrieval system for career awareness materials that will enable teachers to request materials under a wide veriety of classifications. Four elementary schools will be involved in the initial piloting, and all schools will participate in the extended trial period. Project staff will identify appropriate catalog headings, evaluate career awareness materials, and develop a procedure for circulating materials.

SB004407

The Oregon Vo-Tech Math Project (Phase II).
Project Director: Swearingen, Dell L.
Organization: Linn-Benton Community Coll., Albany, Oreg.
Funding Period: Start Date 1Jul 74; End Date 30 Jun 75

Phase II of this ongoing project will continue to provide verbal problem sets for occupational courses offered in Oregon community colleges and secondary schools, thereby providing students in terminal career occupational programs at community colleges with flexible mathematics programs relevant to career occupations. Staff will use an individualized format in printing the sets, which will allow students to work problems in various career areas and alleviate having to duplicate material.

SB004408

State-wide Career Awareness Program.
Organization: Multnomah County Intermediate Education District, Portland, Oreg.

Descriptive information unavailable.

SB004409

Career Exploratory Program Development.
Organization: Oregon State Dept of Education, Salem.

Descriptive information unavailable.

Fiscal Year 1975

SB004410 **VTP-1808**

Improving Instruction in Innovative Areas Through Improved Administrative Support Procedures.
Project Director: Kreitz, John W.
Organization: Lane Community Coll., Eugene, Oreg.
Funding Period: Start Date 1 Jul 74; End Date 31 Dec 74

The objectives of this project are to identify changes that will occur in the role of administrator and instructor with the use of self-paced individualized instruction, prepare administrative instructions on how to utilize the learning packages, and indicate changes required in facilites. The Career Development Center will be contacted regarding inservice for implementing individualized instruction, and all community colleges will be advised of the study and asked to provide input.

SB004411 **VTP-1807**

An Integration of Career and Consumer Education and Reading and Language Arts Program Level Goals.
Project Director: Hodges, Ralph
Organization: Portland Public Schools, Oreg. Curriculum and Instruction Dept.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to inform potential participants of the importance and utility of the integrated approach to teaching career and consumer education concepts and present data and prototype teacher management materials to encourage participtipon. Information sheets concerning the objectives and procedures of the integration of course goals will be prepared and distributed to all teachers in grades 1-3.

SB004412 **VTP-1818**

Exemplary and Innovative Career Exploratory Program in Sherwood Intermediate School and Sherwood High School.
Project Director: Knight, Earl A.
Organization: Sherwood School District 88J, Oreg.
Funding Period: Start Date 4 Sep 74; End Date 6 Jun 75

The objectives of this project are to develop in eighth grade students an awareness of self, the world of careers, and occupations; identify and achieve desirable student outcomes; and help the handicapped and disadvantaged achieve in the curriculum. The primary goals of the project are to present an exploratory curriculum and develop career clusters in four disciplines.

SB004413 **VTP-1810**

Local Producton of Relevant Awareness - Exploratory Media.
Project Director: Ousterhout, William K.
Organization: Central School District 13J, Independence, Oreg.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of this project is to determine the feasibility of local production, dissemination and evaluation of films, audio, and study guides at various age levels for career awareness and exploration. Three people will plan, script, film, narrate, and prepare study guides for a series of movies. The films will be directed at primary, elementary, and junior high school students.

SB004414 **VTP-1844**

Refinement, Implementation and Dissemination of Career Exploratory Program for Vale Middle School.
Project Director: Morgan, Edwin W.
Organization: Vale Elementary School, District 15, Oreg.
Funding Period: Start Date 1 Jun 74; End Date 30 Jun 75

The objectives of this project are to complete the development of a community-based career exploration program for seventh and eighth grade students and disseminate the major components and ideas of the project in the form of a transportable model to other schools. The development of a set of slides to be used by other schools will be completed.

SB004415 **VTP-1846**

Elementary-Career Awareness.
Project Director: Sjolander, Jan
Organization: Lane County School District 4J, Eugene, Oreg.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of the project is to assist the student in developing self-awareness, decision making, and interaction skills related to the career awareness process. Guidance oriented components will be identified and an inservice training package will be based on them. The package will be implemented with an elementary school staff.

SB004416 **VTP-2021**

The Oregon Vo-Tech Math Project.
Project Director: Swearingen, Dell
Organization: Linn-Benton Community Coll., Albany, Oreg.
Funding Period: Start Date 1 Jul 74; End Date 31 Jul 75

The objective of this project is to print and disseminate existing problem sets in math in a format which will facilitate their use in the classroom. A review board will convert the rough draft problem sets to the adopted format and, using the materials gathered, the review board will continue to identify general objectives related to specific occupational career areas.

SB004417

Utilizing Community Resources.
Project Director: Goetz, Alan C.
Organization: Multnomah Intermediate Education District, Portland, Oreg.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The project will produce a twenty-minute film related to the effective utilization of community resources by school personnel. The purpose of the film is to assist teachers in recognizing what community resources are available, understanding when to use them to achieve an educational objective, and understanding how to use them most effectively.

SB004418 VTP-1387

Music and Career Education.
Project Director: Cole, Ruth Ann
Organization: Portland Public Schools, Oreg. Area III Office.
Funding Period: Start Date 1 Jun 74; End Date 30 Jun 75

This project seeks to identify activities and teaching procedures that help students recognize competencies and performance norms leading to music-related careers. The project will study the tri-county course goals of music and Area III's career education goals to develop teacher guides for grades K-12.

SB004419 VTP-2149

Career Information Services to Community Colleges in Oregon.
Project Director: McKinlay, Bruce
Organization: Oregon Univ., Eugene. Career Information System.
Funding Period: Start Date 2 Jul 75; End Date 30 Jun 76

The purposes of this project are to introduce the Career Information System (CIS) to administrative and instructional staff, increase CIS utilization, assist in problem areas, integrate CIS into community settings, and disseminate ongoing CIS materials to community colleges. Procedures for accomplishing this include workshops, inservice programs, and computer training for college personnel.

SB004420 VTP-2150

Teacher Assistant Training Program.
Project Director: Kaiser, Ronald
Organization: Clackamas Community Coll., Oregon City, Oreg.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project seeks to develop a model for recruiting, training, and placing community college students as teacher assistants in secondary vocational and occupational schools. The goals are to improve vocational education for community college and secondary school students and to expand occupational opportunities for community college students. Students will be selected and provided with a course in basic teacher education. Performance requirements for teacher assistants will be developed, and the success of the project will be evaluated.

SB004421 VTP-2280

A Review of Vocational Research and Exemplary Projects.
Project Director: Kenneke, Larry J.
Organization: Oregon State Univ., Corvallis.

This project will produce two documents: a handbook of information on transportable vocational products and processes resulting from selected research and exemplary projects, and a technical report of an evaluation of those projects. Project staff will develop evaluative criteria, instrumentation, and procedures to be pilot tested, revised, field tested, and again revised. Selected projects will then be reviewed and documented.

SB004422

Elementary Career Awareness.
Project Director: Sjolander, Jan
Organization: Eugene School District 4J, Oreg.

In the second year, the project will focus on involving staff and implementing in all elementary classrooms the components identified in the first project year.

Fiscal Year 1976

SB004423

Career Education/Vocational Education Program.
Project Director: Smith, Ronald O.
Organization: Multnomah County School District 1, Portland, Oreg.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

Objectives of this program include consolidating career and vocational guidance and counseling with classroom instruction, maintaining informational records and services, establishing post-high school placement procedures, identifying handicaps which impede student progress in career education and seeking preventive and remedial procedures, and preparing career and vocational record files for all eighth grade pupils to better articulate the transition from elementary to high school.

SB004424

A Proposal to Develop a Model Comprehensive Career Exploration Program.
Project Director: Davis, Dale
Organization: Oregon City School District 62, Oreg.
Funding Period: Start Date 5 Sep 75; End Date 30 Jun 76

This project seeks to develop the interdisciplinary program at Ogden Junior High School, develop an inservice program, develop an implementation guide and provide teachers to assist other schools or districts in adopting the program, and provide insights into developing on-site work observations and experiences for participating students.

SB004425

A Review of Vocational Research and Exemplary Projects.
Project Director: Kenneke, Larry J.
Organization: Oregon State Univ., Corvallis.
Funding Period: Start Date 15 Aug 75; End Date 30 Apr 76

This project will produce two documents: a handbook of information on transportable vocational products and processes resulting from selected research and exemplary projects, and a technical report of an evaluation of those projects. Project staff will develop evaluative criteria, instrumentation, and procedures to be pilot tested, revised, field tested, and again revised. Selected projects will then be reviewed and documented.

SB004426

To Provide CIS Programs and Service to 13 Oregon Community Colleges.
Project Director: McKinlay, Bruce
Organization: Oregon Univ., Eugene. Career Information System.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This program will further incorporate CIS into Oregon community colleges by introducing CIS to administrative and instructional staff in each community college, increasing the level of utilization of CIS, assisting colleges in areas of trouble shooting, integrating career information in community settings served by these colleges, and making CIS materials available for use by community colleges.

SB004427

K-8 Career Awareness/Exploration Curriculum Materials.
Project Director: Grimes, Daniel B.
Organization: Marion County Intermediate Education District, Salem, Oreg.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 24-000-161

The purpose of this project is to assist local school districts by making available K-8 career education curriculum materials which may be incorporated into regular instructional programs. These materials will provide teachers with the resources they need to implement career education in their classrooms. Procedures will be to develop, field test, revise, and begin to disseminate the materials within two years.

SB004428

Teacher Assistant Training Project (Phase II).
Project Director: Kaiser, Ronald
Organization: Clackamas Community Coll., Oregon City, Oreg.
Funding Period: Start Date 16 Aug 76; End Date 30 Jun 77

The second phase of this continuing project will develop continuing local financial and student support; refine the curriculum operational processes and procedures in light of inferences drawn from the program's first year; and develop the general use potential, transferability, and transportability of the program in the form of program packages and a staff outreach guide.

SB004429

High School/Community College Joint Career Placement Program.
Project Director: Waggoner, James
Organization: Linn-Benton Community Coll., Albany, Oreg.
Funding Period: Start Date 1 Aug 76; End 30 Jun 77
Contract and/or Control No.: E-M-8-76

The objective of this project is to develop a model articulated placement program between Linn-Benton Community College and seven of its feeder schools. This project will design, implement, and evaluate the results of the model program and produce an adopter's guide for dissemination and use in other regions of Oregon. Procedures will include assessment of local placement programs, identification of model components, and implementation of model components.

SB004430

An Integration of Career and Consumer Education and Reading Language Arts Program Level Goals.
Project Director: Hodges, Ralph C.
Organization: Portland Public Schools, Oreg. Area III Office.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project will atempt to develop the necessary teacher mnanagement materials for creating an awareness of the goals of career and consumer education. The content of reading instruction materials which will be adopted for 1975-81 will be used as the information source and activities base for helping teachers and students in grades 1-3 develop an awareness of appropriate primary grade-level concepts.

Fiscal Year 1977

SB004431

To Develop a Music Careers Quest Form.
Project Director: Brisbin, Karen
Organization: Clackamas Intermediate Education District, Marylhurst, Oreg.
Funding Period: Start Date 1 Jul 77; End Date 15 Aug 77

The purpose of this project is to develop a series of questions that will match an individual's interests and skills with a music or music-related career. Specific objectives are to provide a means for the best use and coordination of available music career material and develop a guidance tool that can be used by teachers and counselors in working with students.

SB004432

Model Program for Surveying Employers of Automotive Technology Graduates.
Project Director: Tressider, Alan
Organization: Chemeketa Community Coll., Salem, Oreg.
Funding Period: Start Date 14 Mar 77; End Date 1 Mar 78
Contract and/or Control No.: ER-M-3-77

In this follow-up study of community college graduates, the project will survey employers. The purposes of the project are to (1) acquire meaningful data for educational assessment, (2) increase the relevance and applicability of occupational curricula in community colleges, (3) increase the involvement of the automotive technology advisory committee and initiate an outside evaluation of survey activities, and (4) develop a model survey instrument for community college occupational programs.

SB004433 VTP-2895

Increasing Career Awareness and Exploration for Adults Making Career Decisions.
Project Director: Winquist, John
Organization: Lane Community Coll., Eugene, Oreg.
Funding Period: Start Date 1 Jan 77; End Date 31 Dec 77

The purpose of this project is to develop and implement use of intensive awareness and exploration materials for ten vocational programs. Procedures will include determining vocational programs for demonstrations, contacting business and industry to help provide information and develop multimedia learning material and onsite job visitations, and setting up viewing stations for current and potential students.

SB004434

Model for Disseminating Promising Practices to Oregon Schools.
Project Director: Lofts, Ada
Organization: Linn-Benton Intermediate Education District, Albany, Oreg.
Funding Period: Start Date 1 Aug 77; End Date 30 Jun 78

The purpose of this project is to develop a model approach for dissemination of recognized promising practices to other Oregon school districts. A handbook developed to identify the research and exemplary projects which are transportable to other areas of Oregon will be expanded to address the dissemination process involved in such an undertaking.

SB004435 VTP-2975

Development of Career Education Materials in the Basic Subject Matter Areas.
Project Director: McDermeit, Eldon
Organization: Marion County Intermediate Education District, Salem, Oreg.
Funding Period: Start Date 1 Apr 77; End Date 30 Jun 78

The intent of this project is to develop a core career education curriculum for grades 11 and 12 wherein students not enrolled in the vocational cluster programs can meet their career development competencies within the basic subject matter areas. Teams of subject matter teachers and counselors will design the materials.

SB004436 VTP-2919

A Model Community College Career-Life Planning Guidance Program.
Project Director: Justice, Patricia
Organization: Mount Hood Community Coll., Gresham, Oreg.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 78

This project proposes to develop and implement an approach to guidance for career-life planning which will utilize the available instructional staff, counselors, and institutional guidance resources. The project will aid students to adapt to changing societal occupational requirements and to select and prepare for career choices which will fit individual needs and life-styles.

SB004437 VTP-2781

Updating Promising Practices in Oregon Career and Vocational Education.
Project Director: Kenneke, Larry J.
Organization: Oregon State Univ., Corvallis. Vocational Technical Education Unit.
Funding Period: Start Date 21 Mar 77; End Date 30 June 77

The purpose of this proposed effort is to update the handbook, "Promising Practices in Oregon Career and Vocational Education," by reviewing projects conducted in Oregon under the auspices of Parts C and D of the Vocational Education Amendments of 1968. Information on promising practices identified as a result of the review process will be compiled and prepared for distribution as an update to the handbook. The project will produce 500 copies for distribution.

SB004438 VTP-2918

Career Exploration Work Experiences.
Project Director: Altig, Duane

Organization: Parkrose School District 3, Portland, Oreg.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 78

The purpose of this project is to use the information obtained from economics courses and testing programs to investigate the student's own occupational interests and abilities, explore simulated work-life situations, survey the world of work, complete job applications, carry out a simulated search for employment, and study a variety of concepts related to the labor force and the economics of employment. A model program will be designed and implemented.

SB004439 **VTP-3083**

A Unified Approach to Career Guidance and Counseling and Program Development in Secondary Schools–Phase II.
Project Director: Lothspeich, Louise
Organization: Portland Public Schools, Oreg.
Funding Period: Start Date 1 Aug 77, End Date 30 Jun 78

This project will employ a project coordinator to implement the needs common to the area of vocational guidance and counseling as perceived through the first phase of the program. The coordinator will be used as a catalyst to provide workshops, inservice opportunities, and an ongoing exchange of project experiences and information among administrators and counselors in participating schools. The project will focus on handicapped, gifted, and disadvantaged students and avoid sex role stereotyping.

SB004440 **VTP-2870**

Springfield Model Career Guidance Program.
Project Director: Bushnell, Dick
Organization: Springfield Public Schools, Oreg.
Funding Period: Start Date 1 Feb 77; End Date 31 Mar 78

The purpose of the project is to develop a workable career guidance model around the eight basic career guidance competencies for teachers as identified by the Four State Guidance Project and the Oregon Department of Education. Procedures will include writing a model program, conducting a summer workshop, visiting career guidance programs, planning and conducting inservice for staff, and developing and administering a student evaluation instrument.

PENNSYLVANIA

Part C

Fiscal Year 1971

SB004441 **VTP-078**

Practical Nursing Licensing Exam Achievement Relationship to Work Performance and Retention.
Project Director: Clugh, Raymond W.
Organization: Pennsylvania Health Council, Inc., Camp Hill.
Funding Period: Start Date 1 Feb 71; End Date 1 Jun 72

The objectives of this three-year project are to assess the correlation of state board achievement with job satisfaction and length of retention in the field of practical nursing, determine those faculty qualifications necessary to produce above average achievement on the examination, and compare different characteristics of socio-economically disadvantaged students with students who are not disadvantaged.

SB004442 **VTP-077**

Project GIVE (Guidance in Vocational Education): Elementary.
Project Director: Culp, William H.
Organization: Gannon Coll., Erie, Pa.
Funding Period: Start Date 1 Mar 71; End Date 31 Jul 72

The purposes of this project are to assist classroom teachers in developing a comprehensive vocational guidance program, provide the teachers with tryout work experiences and an understanding of selected theories of vocational choice and development and of vocational opportunities available to students, and prepare behavioral objectives for developmental vocational education in the elementary school. Thirty teachers will spend eight weeks at Gannon College.

SB004443 **VTP-079**

The Status of Future Business Leaders of America Chapter Activities in the State of Pennsylvania - 1967-1970.
Project Director: Nagle, Alma Doris
Organization: Indiana Univ. of Pennsylvania.
Funding Period: Start Date 1 Sep 70; End Date 1 Sep 71

The aim of this project is to determine the status of the activities of Future Business Leaders of America and provide interested chapters with information and successful ideas used in other chapters. Questionnaires will be mailed to a representative student and the advisor of all active chapters, and interviews will be conducted with one advisor and student from each region.

SB004444 **VTP-076**

An Educational Application of Queuing Theory.
Project Director: Davis, Frank S., Jr.
Organization: Bloomsburg State Coll., Pa.
Funding Period: Start Date 1 Mar 71; End Date 31 Mar 72

The purposes of this study are to develop a model which will allow simulation techniques to be applied to the investigation of the interrelationship between students and teachers in the individualized classroom and gather data and simulate two types of classrooms using the resulting computer program. A simulation model will be developed and a computer program written. Data will be gathered in typewriting and office machine classrooms.

SB004445 **VTP-075**

Development and Preparation of a Chemical Technology Course Manual: Volume I.
Project Director: Stewart, R. B., Jr.
Organization: Central Chester County Vocational Technical School, Coatesville, Pa.
Funding Period: Start Date 1 Jan 71; End Date 31 Dec 71

The objective of this project is to prepare Volume I of a secondary level chemical technology course manual. The manual will be similar in design to a Navy rate training manual in language level and literary style with exercises and laboratory experiments. One inservice meeting will be held for chemical technology teachers.

SB004446 **VTP-036**

Cooperative Program for Disadvantaged Youth.
Project Director: Hirschfeld, Marvin
Organization: Temple Univ., Philadelphia, Pa. Dept. of Distributive Education.
Funding Period: Start Date 1 Feb 71; End Date 30 Jun 72

This project is designed to establish training stations and consultant and placement services for unemployed and disadvantaged youths. The objectives are to survey employment opportunities for the youth; develop a relevant plan of training and education for each student to quality for job entry and advancement; and identify, recruit, and train additional teachers, coordinators, and supervisors necessary to continue the program.

SB004447 **VTP-074**

Slides as a Visual Supplement to the Carpentry Curriculum.
Project Director: Bounds, Jesse S.
Organization: Pittsburgh School District, Pa.
Funding Period: Start Date 1 Mar 71; End Date 13 Aug 71

The purpose of this project is to prepare a visual supplement of colored slides for the vocational carpentry curriculum. The slides will depict the various stages of house construction from foundation to completion and will be developed from onsite visits to houses under construction and completed houses that best illustrate the objectives of the curriculum.

SB004448 **VTP-072**

An Assessment of the Adequacy of Vocational Technical and Industrial Education Programs in the Secondary Schools of Pennsylvania in Meeting Dropout-Prone Student's Needs.
Project Director: Klingler, Robert D.
Organization: Temple Univ., Philadelphia, Pa.
Funding Period: Start Date 25 Mar 71; End Date 24 Mar 72

This project intends to determine how present programs in vocational, technical, and industrial education are meeting the pre-employment training needs of dropout prone students enrolled in secondary schools. A literature review will be conducted, data collection instruments and techniques will be set up, and a random sample will be selected to use in collecting and analyzing data.

SB004449 **VTP-073**

Supervised Independent Study Program.
Project Director: Ross, H. James
Organization: Bucks County Public Schools, Doylestown, Pa.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this program is to provide educational opportunities for the disadvantaged and handicapped individuals in the county. The design of this program will ensure that those individuals will be individually counselled and supervised until their desired personal educational objectives and aspirations are attained.

SB004450 VTP-071

A Study to Determine the Effectiveness of the Laboratory Technician Program in Placing Students in This or Any Related Para-Professional Health Field.
Project Director: Easley, Robert D.
Organization: Pittsburgh School District, Pa.
Funding Period: Start Date 1 Mar 71; End Date 30 Jun 71

The survey's purpose is to evaluate the efforts of the three laboratory technology programs in the Pittsburgh public schools. Criteria for program/market responsiveness will be the student's placement directly into the paraprofessional health field or in an advanced course of study. The results of the student questionnaires will be used to determine the feasibility of continuing the program or planning for program expansion or reduction.

SB004451 VTP-070

Education in Agriculture for the Educationally Disadvantaged.
Project Director: Curtis, Samuel M.
Organization: Pennsylvania State Univ., University Park. Dept. of Agricultural Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 74

The purposes of this project are to prepare and evaluate subject matter units specifically for the educationally disadvantaged students, improve teachers' proficiency in teaching the disadvantaged, and assemble vocational guidance material for teacher use. The project will identify disadvantaged youth who could benefit from instruction in agricultural education occupation competency. A summer institute will be held for twenty teachers.

SB004452 VTP-596

A Longitudinal Study of Vocational Development of Program Evaluation: Implications for Curriculum Planning and Vocational Guidance.
Project Director: Impellitteri, Joseph T.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Apr 71; End Date 30 Jun 72

This project will investigate research problems that have implications for vocational curriculum planning and those having implications for vocational guidance. The study is the second phase of a longitudinal investigation and is designed to provide feedback on the inschool achievement and development of the previously seleeted youth as related to their initial characteristics.

SB004453 VTP-503

An Exemplary Program to Determine the Effective Use of Closed-Circuit Video-Tape in the Vocational Agricultural Classroom at Chestnut Ridge High School.
Project Director: Amick, Ted Emory
Organization: Chestnut Ridge High School, Fishertown, Pa.
Funding Period: Start Date 1 Jun 71; End Date 30 Jun 72

The aims of this project are to determine if the use of televised closed-circuit videotape instruction can be a useful learning instrument in the vocational agriculture classroom and what areas of study can be taught with greater student learning using this technique. This project will be divided into two study areas to show the usefulness of the equipment – classroom instruction and individual unit instruction.

SB004454 VTP-504

Exemplary English/Language Arts Curriculum Development Program for Vocational-Technical Education Students.
Project Director: Ferderbar, Joseph E.
Organization: Neshaminy School District, Langhorne, Pa.
Funding Period: Start Date 1 Sep 71; End Date 30 Jun 73

The objectives of this project are to improve the self-image of the vocational and technical school student, provide English/language arts teachers an intensive professional growth program, and develop micro-courses which summarize the sequential structured program. Inservice training sessions will be held for teachers, and a curriculum program will be developed.

SB004455 VTP-505

Systems Laboratory Research Project.
Project Director: McFadden, James
Organization: Williamson School, Media, Pa.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The aim of this project is to provide laboratory experience that will be used to develop student ability to logically analyze the faults of a malfunctioning system. A procedure for analyzing, isolating, and correcting the faults within a systems circuit will be emphasized. This joint venture will require the design and construction of equipment to monitor and control the experiment.

SB004456 VTP-514

Open Space Concept in Business Education.
Project Director: Schwer, William E.
Organization: Pennridge School District, Perkasie, Pa.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purposes of this project are to provide an inspiration for a more realistic business education program by using an open space concept, create an atmosphere of school-community harmony, and allow other school districts to view and evaluate an open space program in operation. Questionnaires, interviews, and other tests will be used to determine the efficacy of the program, and data will be obtained from students and employers.

SB004457 VTP-515

Revision and Development of Skill Area Teacher Competency Test Material.
Project Director: Lamping, R. G.
Organization: Pittsburgh Public Schools, Pa. Div. of Occupational, Vocational, and Technical Education.
Funding Period: Start Date 1 Sep 71; End Date 30 Jun 72

This project intends to provide a means of gaining reliable measurements of teacher-applicant competency in teaching occupational, vocational, and technical skills. Teacher test development teams consisting of two master teachers of each skill area will review and evaluate the existing material and revise or adopt new material to result in teacher competency tests in ten skill areas.

SB004458 VTP-509

A Study of the Curriculum Structure of the Vocational and Technical Education Program in the Philadelphia Public Schools.
Project Director: Peper, John B.
Organization: Philadelphia School District, Pa.
Funding Period: Start Date 1 May 71; End Date 30 Oct 71

The objective of this project is to develop recommendations for restructuring the vocational and technical education curriculum. The present structure will be surveyed and analyzed in relation to the past and future occupational demands in the area. Entry job classifications, the number of jobs available, and data from employers will be obtained through surveys of business and industry.

SB004459 VTP-513

A Modular Scheduling Program for Vocational Technical Schools: A Demonstration Model.
Project Director: Koble, Ronald
Organization: Admiral Peary Area Vocational-Technical School, Ebensburg, Pa.
Funding Period: Start Date 1 Aug 71; End Date 30 Jun 72

The purpose of this project is to develop the materials and gain the experience necessary to demonstrate a complete vocational program based on the concept of building toward one's career objectives by selecting needed skill and knowledge modules from the total vocational offerings. The vocational program will be individualized for each student.

SB004460 VTP-508

Unifying and Individualizing Vocational Education (Developmental Phase).
Project Director: Peters, James
Organization: Vocational-Educational Learning Progress Center, Meadville, Pa.

Funding Period: Start Date 1 Jul 71; End Date 30 Jun 74

The objective of this project is to develop a computer-based resource unit program that will place students in an individualized, development-oriented, articulated total curriculum based on the vocational and technical interests of the student. The project design will consist of development, implementation, evaluation, and dissemination phases.

SB004461 **VTP-539**

Developmental Research Programs in Industrial Technology and Instrumentation Technology.
Organization: Altoona Area Vocational Technical School, Pa.
Funding Period: Start Date 1 Sep 71; End Date 30 Jun 72

The aim of this project is to hire the necessary instructional staff for the fields of industrial technology and instrumentation technology and have them make up a curriculum guide for their respective skill laboratory areas.

SB004462 **VTP-545**

A Supply/Demand Model for Vocational Education Planners.
Project Director: Gillie, Angelo C.
Organization: Pennsylvania State Univ., University Park. Dept. of Vocational Education.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 72

This project is Phase I of a two-phase project that will attempt to generate manpower supply and demand information combined with a systems approach for evaluating the information. The information can be useful for vocational education planners in planning curricula. The model will render occupational information for ten years.

SB004463 **VTP-430**

An Experimental Program to Provide In-Home Vocational Training in Preschool and Day Care Work for Unskilled Disadvantaged Mothers and Child-Caring Adults.
Project Director: Dusewicz, Russell A.
Organization: West Chester State Coll., Pa. Office of Research and Related Services.
Funding Period: Start Date 1 Oct 71; End Date 30 Jun 72

This study will investigate the series of in-home vocational training programs in the high priority area of preschool and day care work, in comparison with a similar program offered at a central location as part of an interagency manpower training program.

SB004464 **VTP-432**

Preplanning Project Health Services Core Curriculum.
Project Director: Boswell, William D.
Organization: Pennsylvania Health Research Inst., Inc., Camp Hill.
Funding Period: Start Date 1 Oct 71; End Date 30 Jun 72

This research project intends to facilitate the formulation of a health services core curriculum model for urban secondary students. Its goal is to formulate an integrated planning-implementation project for developing the curriculum to provide trained health services personnel, fulfill the need for meaningful education and long-term employment for the disadvantaged, and involve the disadvantaged in self-help.

SB004465 **VTP-594**

The Effectiveness of the Simulated Office: A Comparative Analysis.
Project Director: Horwitz, Ruth Kafrissen
Organization: Temple Univ., Philadelphia, Pa.
Funding Period: Start Date 1 Sep 71; End Date 31 Oct 72

The purpose of this study is to compare the effectiveness of the high school office practice program which includes a simulated office experience to the office practice program which does not. The factors to be compared are job attitudes, clerical abilities, job satisfaction, and job performance. The effectiveness of the simulated office will also be studied for the comparison between whites and nonwhites.

SB004466 **VTP-598**

Determination of the Basic Mathematics Skill Needs and the Need for Mathematics Remediation for Secondary Vocational Education Students.
Project Director: Long, Thomas E.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 15 Dec 71; End Date 31 Aug 72

This study will determine from a large sample of vocational teachers which basic mathematics skills are necessary for success in various secondary vocational programs and which basic skills need most remedial attention in students entering secondary vocational specialty training. Data will provide information to vocational staff and will be useful in selecting and counseling prevocational students.

SB004467 **VTP-599**

An Administrative-Counselor Plan to Assess the Vocational Development of Rural Disadvantaged Eighth and Twelfth Grade Students in Relation to Vocational-Technical Education.
Project Director: Whitman, Robert L.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 72

This project will help administrators and counselors gain an understanding of the process of vocational development among disadvantaged eighth and twelfth grade students. It should determine if different patterns of vocational attitude maturity exist among adolescents and which variables are predictors of the attitudinal dimension of vocational maturity.

SB004468 **VTP-600**

Shorthand Attrition Research Project–A Study to Identify the Characteristics of Students Who May be Unsuccessful in the Study of Shorthand.
Project Director: Ripka, G. Elizabeth
Organization: Pennsylvania Business Education Association.
Funding Period: Start Date 1 Jan 72; End Date 31 Mar 72

The purpose of this study is to complete the data collection phase for a project to determine specific achievements, characteristics, interests, and motivations prevalent in those students who succeed in learning shorthand in high school and those who do not.

SB004469

A Comparison of Students' Reading Abilities, the Readability of Textbooks, and Students' Attitudes toward Textbooks in Seven Areas of Vocational Education in a Western Pennsylvania Area Vocational-Technical School.
Organization: Fayette County Area Vocational-Technical School, Fairchance, Pa.

This comparison study in automobile mechanics, business education, cosmetology, data processing, distributive education, machine shop, and welding seeks to reveal the degree of compatibility between vocational textbook readability levels and the reading abilities of the vocational students using them. Textbook readability levels, students' reading abilities, and student attitudes toward vocational textbooks will be compared statistically among and within the seven areas.

SB004470 **VTP-597**

Changes in Student Teachers' Classroom Verbal Behavior as a Result of Pupil Feedback.
Project Director: Farris, Charlotte, J.
Organization: Mansfield State Coll., Pa.
Funding Period: Start Date 1 Sep 71; End Date 30 Jun 72

This study will involve two groups of home economics student teachers and will investigate the feasibility of using summarized pupil feedback as a source of information for self-supervision during student teaching. Pupil feedback will be analyzed and summarized. Pre and postinteraction analysis data will be compared for the two groups.

SB004471 **VTP-595**

The Design and Rationale of a Simulation Experience for Middle School Students in an Exploratory Career Orientation Curriculum.
Project Director: Evans, Alma B.
Organization: Pittsburgh Public Schools, Pa.
Funding Period: Start Date 1 Sep 71; End Date 30 Jun 72

The purpose of this project is to explicate the design and rationale of an interdisciplinary curriculum linking home economics, business education, and industrial arts for career information using a simulated world of work environment. Middle school students will ex-

plore a wide variety of career possibilities through hands-on experience.

SB004472 VTP-602

Development of a Validated Instructional System for Hospitality Education.
Project Director: Powers, Thomas F.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Sep 71; End Date 31 Aug 74

The purpose of the project is to develop a prototype instructional system in hospitality education at the postsecondary level which substitutes controlled field experiences for the traditional laboratory experiences. The three phases of the project will be concerned with setting up the system, implementing it, and evaluating the outcome.

SB004473 VTP-586

Developmental Research to Determine Employment Opportunities and Occupational Competencies Needed in Off-Farm Agricultural Occupations in Berks County.
Project Director: Zimmerman, C. Robert
Organization: Berks Vocational-Technical School, Reading, Pa.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 72

The objectives of this project are to determine employee needs of industry for trained or semi-trained personnel in agricultural occupations, the competencies needed by these employees, the availability of students for this training, and adult program opportunities. A certified vocational agriculture teacher will serve as research coordinator to conduct the research; survey students, business, and industry; collect data; develop teaching materials; and evaluate the outcome.

SB004474 VTP-593

The Development of Selection Models for Pennsylvania Area Vocational Technical Schools: Phase I, the Uses of Available Data.
Project Director: Herr, Edwin L.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to identify the degree to which specific courses require similar student characteristics across a stratified sample of area vocational and technical schools. It will also identify the characteristics and variables which are predictive of student achievement and membership in different curricular groups.

SB004475 VTP-592

School-Based Job Placement Service Model: Phase I, Planning.
Project Director: Gingerich, Garland
Organization: Lancaster County Area Vocational Technical School, Brownstown, Pa.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 72

This project will develop a model system for a school-based job placement service to be operated full time. Its development will be based upon socioeconomic data, demographic data, and occupational needs of a defined geographic area.

SB004476 VTP-553

A Laboratory and Curriculum Design for the Newly Emerging Technology of Pollution-Corrosion Measurement and Control.
Organization: Admiral Peary Area Vocational-Technical School, Ebensburg, Pa.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objectives of this project are to study areas of corrosion and pollution as they affect industry, utilities, mining, and agriculture and develop a comprehensive instructional program in these areas of ecology. Levels of instruction will be developed as units within the technology and for use in other vocational subject areas. The basic procedure will be a literature search and a determination of the needs of the industries involved. The information will provide the basis for a pilot program.

SB004477 VTP-601

Troubleshooting Instruction in Vocational-Technical Education Via Dynamic Simulation (Project Extension).
Project Director: Finch, Curtis R.
Organization: Pennsylvania State Univ., University Park. Dept. of Vocational Education.
Funding Period: Start Date 1 Jul 71; End Date 31 Aug 72

The objective of this project is to examine the feasibility of teaching troubleshooting in secondary vocational and technical education using the dynamic simulation approach, with emphasis on teaching disadvantaged youngsters. The project will determine the variables contributing to learning troubleshooting through this method, student attitudes toward the method, and the effectiveness of the method as perceived by teachers and administrators.

SB004478

The Development of Occupational Information Materials for Spanish Speaking Children.
Project Director: Adams, James F.
Organization: Temple Univ., Philadelphia, Pa.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 19-1023

This project will identify, develop, and translate relevant occupational materials for Spanish-speaking children and will train four Puerto Rican graduate research assistants to serve as vocational counselors.

SB004479 VTP-587

Development of Modular Courses in Vocational Curriculum to Facilitate Individualized Scheduling to Meet the Occupational Objective of Each Student.
Project Director: Everett, Carl N.
Organization: Central Columbia School District, Bloomsburg, Pa.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 74

The project will develop course offerings into modules of multiples of three weeks to facilitate course organization and will develop course outlines for these modules. An individualized vocational guidance program will also be developed. Studies of the effect of modular scheduling on vocational club activities and cooperative occupational experience programs and of the enrollment patterns and modular schedules of students will also be made.

SB004480

Forest Industries - The Production, Harvesting, Processing, and Marketing of the Woodland Crop and the Manufacture of Paper from the Crop.
Project Director: Taylor, Thomas J.
Organization: Johnsonburg Area Schools, Pa.
Funding Period: Start Date 8 Jun 71; End Date 8 Sep 71
Contract and/or Control No.: 19-1022

This project is aimed at determining the makeup of a curriculum and the basis of a program to train workers for one of the basic industries of the area, the forest industry. Necessary related training in general mechanics; welding; pipe fitting; general electricity; and care, repair, and adjustment of machinery will benefit about five area industries.

SB004481

A Functional Approach to the Study of English for the Auto Shop Student.
Organization: Lenape Area Vocational-Technical School, Pa.

Descriptive information unavailable.

SB004482 VTP-589

Video Tapes as a Classroom Aid in Teaching Child Development.
Project Director: Marcello, Lois L.
Organization: Pittsburgh Public Schools, Pa. Div. of Occupational, Vocational, and Technical Education.
Funding Period: Start Date 1 Jan 72; End Date 31 Dec 72

The purpose of this project is to prepare several videotapes to be used as visual supplements in teaching child care and development. Each tape will present one or more related concepts and their practical applications as used in an actual nursery school setting. Students will participate in making the tapes, both in the class periods and during the nursery school laboratory periods.

SB004483 VTP-590

Investigation of Vocational Opportunities in the Printing Industry.
Project Director: Hughes, Van
Organization: Pittsburgh Public Schools, Pa. Div. of Occupational, Vocational, and Technical Education.
Funding Period: Start Date 1 Jan 72; End Date 31 Dec 72

The purpose of this project is to create and strengthen a desire in students to enter and become proficient in the printing industry. It will give students the chance to investigate the job market and the industrial application of their learned skills.

SB004484 VTP-588

Orientation and Implementation of Basic Skills Affiliated with Trade and Industrial Careers.
Project Director: Marotta, Manfred
Organization: Hazleton Area School District, Pa.
Funding Period: Start Date 1 Sep 71; End Date 31 Jan 72

This project will serve to orient incoming sophomores to the desired trade and establish basic trade skills for educationally disadvantaged and special education students. All sophomores will enter a skill experience program where they will receive concrete and semi-concrete experience in the use of tools and blueprint reading, and remedial and theory math.

SB004485

An Assessment of the Impact of Vocational Education Research and Related Projects on Educational Practice in Pennsylvania Since 1966.
Organization: American Management Center, Inc., Philadelphia, Pa.

This project seeks to determine (1) if research and related projects influenced vocational education practices, (2) which research and developmental activities had the greatest impact on educational change, (3) what variables contributed to success or lack of it in the various project sites, and (4) what methodology was most useful in transferring the results of research to practice.

SB004486

Developmental Workshop for Career Education on a K-12 Basis in Lancaster County.
Organization: Lancaster County Vocational-Technical Schools, Pa.
Contract and/or Control No.: 19-1051

The purpose of this project is to plan and implement a cooperative workshop for selected school personnel in career education. The summer workshop will develop broad-based support for career education and a proposal for implementing a pilot program in Lancaster County. It will involve personnel from eastern Lancaster County school districts, in cooperation with the Brownstown Vo-Tech School.

SB004487

A Survey to Determine Job Opportunities and Requirements for Beginning Key Punch Operators.
Organization: Riverside School District, Taylor, Pa.
Contract and/or Control No.: 19-1052

This project will survey employment requirements and practices with implication for establishing a course or courses in data processing at Riverside. A three-page questionnaire will be sent to selected business offices.

SB004488

Remedial Mathematics for Vocational Students.
Organization: Delaware County Area Vocational-Technical School, Marple, Pa.

The goal of this project is to significantly raise the mathematics competency level of the vocational and technical students with the poorest mathematical backgrounds. Project objectives will include developing testing materials to detect individual deficiencies, constructing audiotapes and coordinated worksheets aimed at eliminating these deficiencies on an individual basis, and testing to determine the effectiveness of the program.

SB004489

Installation and Testing of a Vocational Evaluation System.
Organization: Philadelphia School District, Pa.
Contract and/or Control No.: 19-1058

This project will install a Singer/Graflex Vocational Evaluation System at the Youth Development Center (South) to help students make more positive decisions about their educational and vocational futures; direct students to more definitive occupational, educational, and training areas; and have students involved in a series of tasks related to activities required in vocational training and future jobs.

SB004490

Cooperative Distributive Education for Disadvantaged Youth.
Project Director: Turner, B. F.
Organization: Harrisburg School District, Pa.
Contract and/or Control No.: 19-2008

Objectives for this project include (1) providing jobs for out-of-school youth, (2) providing training in courses related to their work that will lead to high school graduation, (3) encouraging education as a means of promotion, (4) providing job counseling and supervision, (5) developing productive workers and better citizens, and (6) providing a workable program that can be adopted by local schools.

SB004491

A Study of the Commonalities in Vocational Education Courses in State Supported Universities in Pennsylvania.
Organization: Temple Univ., Philadelphia, Pa.
Contract and/or Control No.: 19-1054

This teacher education project, to be conducted at Temple University, University of Pittsburgh, and Pennsylvania State University, intends to identify the elements which these programs and courses have in common, develop criteria to identify the common elements which contribute to the performance characteristics of teachers, and suggest changes that will expand the use of core elements throughout the state supported system.

SB004492

A Research and Developmental Workshop for Vocational Teachers in Writing Behavioral Objectives.
Organization: Delaware County Area Vocational-Technical School, Media, Pa.
Contract and/or Control No.: 19-1061

This project will use the total instructional staff to develop appropriate unit (modular) behavioral statements and task behavioral statements for the instructional process of the fifty-five specialized areas of vocational education offered in area schools. Objectives include operating a workshop-developmental program to orient the staff and develop the behavioral objectives.

SB004493

Relationship Between AVTS Schedule Models and Student Achievement.
Organization: Scotland School for Veterans Children, Pa.
Funding Period: Start Date 1 Mar 71; End Date 30 Jun 72
Contract and/or Control No.: 19-1055

The purpose of this study is to provide information for school administrators and teacher training institutions concerning the effects of three part-time schedule models and self-selected courses on the vocational achievement of their students. The sample population will consist of over 200 junior and senior students in the areas of auto mechanics and machine trades, drawn from area vocational-technical schools that have been in operation a minimum of three years.

SB004494

Analysis of Physical Nonverbal Components of Classroom Interaction.
Project Director: Loss, Suzanne P.
Organization: Pennsylvania State Univ., University Park.

The purpose of this study is to develop and test a conceptual model for evaluating physical nonverbal conponents of the teaching-learning situation. After analyzing the physical nonverbal components, the project will investigate the relationship between these components and the teachers' perceptions of their uses of teaching behaviors which facilitate or impede the development of self-directed learning by students.

SB004495

Workshop in Proposal Writing.
Organization: West Chester State Coll., Pa.
Contract and/or Control No.: 19-1056

This five-day workshop intends to provide vocational educators with information about sources of funding and with training in proposal writing. Objectives include informing participants of funding sources interested in their problem areas, proposing use of the Vocational Education Information Network, and providing assistance in proposal writing in objectives, design of project, and measurement of outcomes.

SB004496 VTP-591

G.A.T.B. Testing for Vocational Placement into Vocational Education Courses.
Project Director: Smith, William O.
Organization: Pottstown School District, Pa.
Funding Period: Start Date 1 Mar 71; End Date 31 Sep 71

This project will test students in the ninth grade who apply for entrance into the vocational department and those students undecided regarding course selection. The General Aptitude Test Battery will be administered to the students for improved placement in senior high school vocational training areas.

Fiscal Year 1972

SB004497

Project GIVE (Guidance in Vocational Education): Elementary.
Project Director: Culp, William H.
Organization: Gannon Coll., Erie, Pa.
Funding Period: Start Date 1 Mar 71; End Date 31 Jul 72

The purposes of this project are to assist classroom teachers in developing a comprehensive vocational guidance program, provide the teachers with tryout work experiences and an understanding of selected theories of vocational choice and development and of vocational opportunities available to students, and prepare behavioral objectives for developmental vocational education in the elementary school. Thirty teachers will spend eight weeks at a seminar.

SB004498

Supervised Independent Study Program.
Project Director: Ross, H. James
Organization: Bucks County Public Schools, Doylestown, Pa.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this program is to provide educational opportunities for the disadvantaged and handicapped individuals in the county. The design of this program will ensure that those individuals will be individually counselled and supervised until their desired personal educational objectives and aspirations are attained.

SB004499

Education in Agriculture for the Educationally Disadvantaged.
Project Director: Curtis, Samuel M.
Organization: Pennsylvania State Univ., University Park. Dept. of Agricultural Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 74

The purposes of this project are to prepare and evaluate subject matter units specifically for the educationally disadvantaged students, improve teachers' proficiency in teaching the disadvantaged, and assemble vocational guidance material for teacher use. The project will identify disadvantaged youth who could benefit from instruction in agricultural education occupation competency. A summer institute will be held for twenty teachers.

SB004500 VTP-080

A Longitudinal Study of Vocational Development and Program Evaluation: Implications for Curriculum Planning and Vocational Guidance.
Project Director: Impellitteri, Joseph T.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Apr 71; End Date 30 Jun 72

The aim of this project is to investigate in a longitudinal manner the vocational development of over 3,000 students enrolled in the ninth or eleventh grade in the Altoona, Hazleton, and Williamsport school systems. The characteristics of the group of students will be charted over three years. Based upon student changes, certain implications will be drawn regarding program effects and the nature of the students' vocational development.

SB004501

A Supply/Demand Model for Vocational Education Planners.
Project Director: Gillie, Angelo C.
Organization: Pennsylvania State Univ., University Park. Dept. of Vocational Education.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 72

This two-phase project will attempt to generate manpower supply and demand information combined with a systems approach for evaluating the information. The information can be useful for vocational education planners in planning curricula. The model will render occupational information for ten years.

SB004502

Development of a Validated Instructional System for Hospitality Education.
Project Director: Powers, Thomas F.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Sep 71; End Date 31 Aug 74

The purpose of the project is to develop a prototype instructional system in hospitality education at the postsecondary level which substitutes controlled field experiences for the traditional laboratory experiences. The three phases of the project will be concerned with setting up the system, implementing it, and evaluating the outcome.

SB004503

A Research Investigation Designed to Create a Career Development Education Model for Grades K-12.
Project Director: Herr, Edwin L.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 19-2006

In developing a syllabus that outlines a career development education model for grades K-12, the project intends to (1) develop appropriate grade level themes and student behavioral objectives; (2) identify appropriate activities for implementing the themes in general and occupational education; (3) identify contributions to objectives by teachers, counselors, parents, and representatives of business and industry; (4) examine available resource material; and (5) examine various approaches.

SB004504

A Study of Community College Students Who Are Graduates of Vocational-Technical High School Curriculums.
Project Director: Horvath, Ronald J.
Organization: Lehigh County Community Coll., Schnecksville, Pa.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73
Contract and/or Control No.: 19-2017

This study will compare graduates of vocational and technical programs with graduates of traditional college preparatory programs. Objectives are to determine how the groups differ or are similar, college graduation and nongraduation rates, and the characteristics of vocational and technical program graduates who enroll in career programs similar to or unrelated to those they studied in high school or in college transfer programs.

SB004505

An Analysis of the Characteristics of Students Enrolled in a Clerical Skills Laboratory Utilizing Self-Instructional Individualized Learning Packets Compared to Students Enrolled in Classes Utilizing the Conventional Method of Teaching Clerical Skills.
Project Director: Levin, Herbert A.
Organization: Temple Univ., Philadelphia, Pa.
Funding Period: Start Date 1 Aug 72; End Date 30 Jun 73

The purpose of this study is to compare the effectiveness of the clerical skills laboratory which uses self-instructional individualized learning packets with the traditional method of teaching clerical skills. The two groups will be compared according to self-concept of image, improvement of basic clerical skills, attitudes toward work, and school attendance.

SB004506

Comparative Follow-Up Study of Former Mentally Retarded Students in Intermediate Unit Four Area.
Project Director: Pezzcolo, Angelo
Organization: Midwestern Intermediate Unit 4, Grove City, Pa.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 19-2010

The project seeks to determine the most effective academic and vocational experiences for mentally retarded students by studying former students who took part in different types of vocational and academic training programs. Objectives are to collect data to determine (1) demographic information; (2) relationships between I.Q. and employability, I.Q. and wages earned, occupational statuses of parents and employability, occupational statuses of parents and wages earned, and length of employment and wages earned; and (3) the effect of the academic program on the students' economic and social adjustment in adult life.

Fiscal Year 1973

SB004507 VTP-1122

Computer Assisted Instruction Mathematics Projects.
Project Director: Clark, David A.
Organization: Altoona Area Vocational-Technical School, Pa.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objective of this project is to provide remedial mathematics to vocational students. Other students will be given some opportunity for enrichment experiences in math and the world of work. Using the computer assisted instruction delivery system, this project will provide the mathematics training.

SB004508 VTP-1115

The Effect of an Office Simulation on Students' Attitudes Toward Work.
Project Director: Rothbart, Dorothy
Organization: Pittsburgh School District, Pa.
Funding Period: Start Date 1 Oct 72; End Date 30 Sep 73

This project is designed to determine whether participation in an office simulation is effective in changing students' attitudes toward work. Pretesting of teachers and students, an inservice teacher workshop, and posttesting will be conducted. Attitude changes will be evaluated to identify factors which show a significant relationship to changes in attitudes.

SB004509 VTP-1124

Film Strip Development as an Aid to Coordinate Theory and Practice on the Metal Working Lathe.
Project Director: Hughes, Van
Organization: Pittsburgh School District, Pa.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objective of this project is to develop an audiovisual aid to promote student involvement in learning and simplify instructional guidance in the proper operation of the metalworking lathe. A filmstrip will be made, and a cassette tape will be coordinated with it to be played on a self-operated learning device.

SB004510 VTP-1116

Multidimensional Scaling of the Concepts that Elementary Children Use in Perceiving Similarities in Certain Occupations.
Project Director: Lubbe, Clarence
Organization: Pennsbury School District, Fallsington, Pa.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objective of this project is to collect and examine the dimensions which elementary children assign as similar to a selected group of paired occupations. This investigation will produce a definitive statement on the application of multidimensional scaling to children's occupational knowledge and test the feasibility of applying the model.

SB004511 VTP-1125

Development of a Validated Instructional System for Hospitality Education.
Project Director: Powers, Thomas F.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project will conclude the development of a prototype instructional system in hospitality education at the postsecondary level and continue to validate the system. Emphasis will be on final revision of materials based on class tests of drafts now being conducted and on developing instructor's manuals.

SB004512 VTP-1117

A Longitudinal Study of Vocational Development and Program Evaluation Implications for Curriculum Planning and Vocational Guidance. Phase II.
Project Director: Kapes, Jerome T.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project is a longitudinal study of the vocational development of over 3,000 students enrolled in the high school systems of Altoona, Hazleton, and Williamsport. The study encompasses data gathered over a major portion of their adolescent life. This data will be treated with the most useful research techniques available.

SB004513 VTP-1127

Development Research - Agriculture Curriculum Development and Student Recruitment.
Project Director: Zimmerman, C. R.
Organization: Berks Vocational-Technical School, Reading, Pa.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objective of this project is to determine industry needs for employees in agricultural occupations, the competencies needed by these employees, the availability of students for this training, and adult program opportunities. Businesses and students will be surveyed, and curriculum materials and a cooperative work experience program will be developed.

SB004514 VTP-1126

Project Improve.
Project Director: Lutz, John E.
Organization: Central Susquehanna Intermediate Unit, Lewisburg, Pa.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objective of this project is to plan, develop, implement, and evaluate a career guidance model for the identification, career education, vocational guidance, and placement of fifteen youths and their families handicapped by academic and socioeconomic factors. Client contact and parent involvement will be supplemented by monthly consultations and coordination, and pre- and posttesting will be carried out at appropriate times.

SB004515 VTP-1118

The Use of Infra Sound Therapy with Deaf and Hard-of-Hearing Adults.
Project Director: Fricke, J. E.
Organization: Lancaster Cleft Palate Clinic, Pa.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project's objective is to assess the efficacy of the techniques and equipment developed by Infra Code, Inc. for rehabilitation of deaf and hard-of-hearing persons. The project also seeks to improve participants' communications skills. Procedures include pre- and posttherapy audiometric testing and personal evaluation of the social adequacy of the patients' hearing acuity. Project staff will receive special equipment training and will survey and review the relevant literature.

SB004516 VTP-1120

Area Vocational-Technical School and Intermediate Unit Relationships in Pennsylvania.
Project Director: Brantner, S. T.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Sep 73; End Date 28 Feb 74

This project will attempt to establish the educational or administrative relationships between the intermediate units and area vocational and technical schools and identify the opinions of administrative members concerning what these relationships should be. The directors of the two units will contribute data.

SB004517 VTP-1130

A Project to Develop a Comprehensive Career Education Program for Grades K-12 in the McKeesport Area School District.
Project Director: Durand, Henry F.
Organization: McKeesport Area School District, Pa.
Funding Period: Start Date 1 Jun 73; End Date 30 Sep 74

The objective of this project is to develop a comprehensive career education program including a viable curriculum in vocational and technical education that other school districts can use. Programs will be developed in classroom subject matter areas; junior high industrial arts, home economics, and business education; and the McKeesport area trades and industrial program.

SB004518 VTP-1129

A Project to Develop a Model Career Oriented Curriculum by Individualizing Through Technology.
Project Director: Peters, James
Organization: Crawford Central School District, Meadville, Pa.
Funding Period: Start Date 1 Jun 73; End Date 30 Sep 74

The objective of this project is to continue to develop and implement a computer resource career oriented curriculum around occupational clusters. The curriculum must be developed or revised to unify and individualize career and academic education for students in grades K-6 and implemented through a realistic technique which will demonstrate a viable alternative to existing curriculum.

SB004519 VTP-1128

Time Scheduling: A Compentency Based Career Education Program.
Project Director: Fluck, Bryan V.
Organization: Admiral Peary Vocational-Technical School, Ebensburg, Pa.
Funding Period: Start Date 1 Jun 73; End Date 30 Sep 74

The objective of this project is to build on the results of two previous career education projects on time scheduling. A summer workshop with selected junior and senior high students and faculty members will be conducted. The refinement of placement procedures will help seniors make the transition to the world of work or to further education.

SB004520 VTP-1119

The Role of Utilization of the Library in Pennsylvania Area Vocational-Technical Schools.
Project Director: Fitzsimmons, Richard
Organization: Pittsburgh Univ., Pa.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objective of this project is to present meaningful alternative and innovative methods of preparation and presentation of career education through the use of school library resources. The area vocational and technical schools will be identified, and the methodologies being used to present career education instruction will be determined. The proven models of school library programs will be identified and modified.

SB004521 VTP-1121

Comprehensive Career Education Model, Jay Cooke Junior High School.
Project Director: Cohen, Stanley B.
Organization: Philadelphia School District, Pa.
Funding Period: Start Date 1 Jun 73; End Date 30 Sep 74

The objective of this project is to continue a career education model to more effectively prepare students for more satisfying and productive entry into the world of work. All activities will focus on the experimental team which will consist of the career education staff. All activities will be accompanied by appropriate documentation to facilitate transfer of the model to other schools.

SB004522

Tasks Prerequisite for Entry in the Home Refurnishing Cluster of Distribution in Philadelphia County with Implications for the Secondary School Curricula.
Organization: Temple Univ., Philadelphia, Pa.

Descriptive information unavailable.

SB004523

Determination of Competencies in the Hotel-Motel Industry with Implications for Curriculum Development for Post-Secondary Distributive Education Cooperative Students in Philadelphia, Pennsylvania.
Organization: Temple Univ., Philadelphia, Pa.

Descriptive information unavailable.

SB004524

Changing the Image of the Salesman.
Organization: Temple Univ., Philadelphia, Pa.

Descriptive information unavailable.

SB004525

CSIU Career Education Institute.
Organization: Central Susquehanna Intermediate Unit 16, Lewisburg, Pa.

Descriptive information unavailable.

SB004526

School-Based Job Placement Service Model: Phase I, Final Report.
Organization: York Area Vocational-Technical School, Pa.

A final report of a project to develop a model system for a school-based, full-time job placement service will be written. The development of the placement service will be based on socioeconomic data, demographic data, and occupational needs of a defined geographic area.

Fiscal Year 1974

SB004527

A Follow-Up Study of Graduates and Employers Relating to the Business Administration Curricula of the Williamsport Area Community College.
Organization: Williamsport Area Community Coll., Pa.

Descriptive information unavailable.

SB004528

Parameters of the Future Food Service Industry World of Work.
Organization: Pennsylvania State Univ., University Park.

Descriptive information unavailable.

SB004529

Cluster Curriculum Development.
Organization: Lehigh County Area Vocational-Technical School, Schnecksville, Pa.

Descriptive information unavailable.

SB004530

Analysis of Female Faculty of the State-Owned Colleges and University.
Organization: Pittsburgh Univ., Pa.

Descriptive information unavailable.

SB004531

School-Based Job Placement Service Model: Phase II, Implementation.
Project Director: Matters, Charles H.
Organization: Reading-Muhlenberg Area Vocational-Technical School, Pa.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to provide placement and follow-up services for all youth commensurate with their abilities and interests, provide preparation activities which will enable them to obtain and retain employment, and establish contacts which will facilitate their successful entry into the labor market. The success of a school-based system centers around five primary components that will determine the effectiveness of the system.

SB004532

Research Study for County Wide Centralized Cooperative Education.
Organization: Erie County Area Vocational-Technical School, Pa.
Descriptive information unavailable.

SB004533

School-Based Job Placement Service Model.
Organization: Greater Johnstown Area Technical School, Pa.
The objectives of this project are to provide placement and follow-up services for all youth commensurate with their abilities and interests, provide preparation activities which will enable them to obtain and retain employment, and establish contacts which will facilitate their successful entry into the labor market. The success of a school-based system centers around five primary components that will determine the effectiveness of the system.

SB004534

Development of Individual Instructional Packages - Dental Technology.
Organization: Delaware County Intermediate Unit 25, Media, Pa.
Descriptive information unavailable.

SB004535 VTP-1303

Development of Individualized Instructional Packages in Materials Handling.
Project Director: Klingler, Robert D.
Organization: Delaware County School District, Pa.
Funding Period: Start Date 2 Jan 74; End Date 30 Jun 74
The objective of this project is to develop individualized instructional packages in materials handling by identifying a procedure using the teacher, media specialists, and resources in the school. A format will be defined for use in organizing the learning materials, and the packages will be developed for the first level of materials handling education.

SB004536

Doctoral Dissertation of Norton Garfinkel.
Organization: North Montco Area Vocational-Technical School, Pa.
Descriptive information unavailable.

SB004537

School-Based Job Placement Service Model.
Organization: Columbia-Montour Area Vocational-Technical School, Bloomsburg, Pa.
The objectives of this project are to provide placement and follow-up services for all youth commensurate with their abilities and interests, provide preparation activities which will enable them to obtain and retain employment, and establish contacts which will facilitate their successful entry into the labor market. The success of a school-based system centers around five primary components that will determine the effectiveness of the system.

SB004538 VTP-1321

A Comparison of Academic Achievement in Full-Time and Part-Time Area Vocational-Technical High Schools.
Project Director: Zucco, Donato B.
Organization: Pittsburgh Univ., Pa.
This project will determine if academic achievement of students in a full-time comprehensive area vocational and technical high school compares with the academic achievement of students in the participating high schools who attend part-time area vocational and technical schools. All senior students enrolled in the trade and industrial program in the four sample schools will be sample students for the study. They will complete a SCAT and opinions questionnaire.

SB004539 VTP-1322

Development of Individualized Instructional Packages in Machine Tool (Engine Rebuilding).
Project Director: Klingler, Robert D.
Organization: Delaware County School District, Pa.
Funding Period: Start Date 2 Jan 74; End Date 30 Jun 74
The objective of this project is to develop individualized instructional packages in machine tools by identifying a procedure using the teacher, media specialists, and resources of the school. A format will be defined for use in organizing the learning materials, and the packages will be developed for one level of machine tool education.

SB004540 VTP-1304

An Investigation of the Status of Selected Students of the 1969-1973 Graduating Classes of Riverside High School, Taylor, Pennsylvania.
Project Director: Willis, June
Organization: Riverside School District, Pa.
Funding Period: Start Date 1 Feb 74; End Date 30 Jun 74
The objective of this study is to determine whether the business offerings at Riverside High School are adequate to satisfy vocational needs of its business graduates, what courses are needed, and what techniques graduates have used in obtaining their jobs. A survey method will be used to determine this information.

SB004541 VTP-1305

A Comparative Analysis of Distributive Education Programs in Public High Schools and Area Vocational-Technical Schools in the Commonwealth of Pennsylvania-1973-1974.
Project Director: Lamuth, Donald R.
Organization: Pittsburgh Univ., Pa.
Funding Period: Start Date 1 Jan 74; End Date 30 Jun 74
This study will attempt to determine the nature of distributive education programs offered in public secondary high schools and area vocational and technical schools. A questionnaire will be designed which will ascertain pertinent information relative to the research questions under investigation. The questionnaire will be mailed to distributive education teacher coordinators, and the information received will be presented, analyzed, and interpreted.

SB004542 VTP-1306

VEMIS Backup Facility and Transfer of Functions: Phase I, Pilot Implementation.
Project Director: Ross, Lloyd L.
Organization: Lancaster-Lebanon Intermediate Unit 13, Lancaster, Pa.
Funding Period: Start Date 2 Jan 74; End Date 30 Jun 74
This project is designed to provide for an orderly transfer of selected VEMIS computing functions that are now being performed by the contractor. The project calls for establishing program goals and objectives, policies and guidelines; collecting program descriptive information; identifying problems concerning objectives; and coordinating planning with other agencies.

SB004543 VTP-1307

Proposal Preparatory to Nursing and Auxiliary Nursing Articulation Program Study.
Project Director: Bacon, John
Organization: Butler County Community Coll., Pa.
Funding Period: Start Date 1 Mar 74; End Date 30 Jun 74
The objectives of the project are to collect and prepare background materials necessary for a study of nursing and auxiliary nursing articulation; prepare staff and cooperating institutions for the study; and arrange and schedule details of the study to follow. Eight schools will participate in the articulation study, and a coordinator will be chosen to conduct and coordinate the study.

SB004544

Guidelines for the Establishment and Evaluation of Career Resource Center in Pennsylvania.
Organization: Berks County Vocational-Technical School, Reading, Pa.
Funding Period: Start Date 1 Nov 73; End Date 30 Jun 74
Contract and/or Control No.: 19-4001
This project is aimed at helping the RCU disseminate significant research and related resources. The Berks County Vocational-Technical School intends to print a research-related final report to be distributed to all interested educational practitioners in Pennsylvania. The publications are "Guidelines for Establishing a CRC" and "An Evaluation of CRC's in Selected Schools in Pennsylvania." One

thousand copies of each publication will be printed.

Fiscal Year 1975

SB004545

The Interrelationships of Preadolescents' Student Characteristics Influencing Selection of Career Exploration Courses.
Project Director: Meehan, Merrill L.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This study seeks to analyze student characteristics data regarding variables predictive of and contributing most to curricular decision making, testing of selected propositions of Super's theory of career development, and analysis of selected components of an innovative career education program for preadolescent urban learners. The project will investigate the interrelationships between and among twenty-three preadolescents, and characteristics from the cognitive, socioeconomic, and affective domains.

SB004546 **VTP-1578**

Development of a Job-Opportunity Based Planning Model for High School Vocational Agriculture Programs.
Project Director: Stinson, Richard
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The project will develop a model based on several surveys of vocational agricultural program graduates and agricultural businesses, competency studies, and current research on program development. The models' use will be explained in one-day seminars. Through these surveys, a planning model for high school vocational agricultural programs based on job opportunities will be developed.

SB004547 **VTP-1573**

A Study of the Intraclass Grouping and Traditional Grouping on Students' Terminal Achievements During the Last Nine Weeks in First Semester Typewriting.
Project Director: Cignetti, Mary Jean
Organization: Pittsburgh City Schools, Pa.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of this project is to study the significant difference of the intraclass grouping and traditional grouping on students' terminal achievements during the last nine weeks in first semester typewriting. The experimental design used in this study is the posttest-only control group design, where only terminal outcomes are to be measured.

SB004548 **VTP-1571**

Data Instrument Development for Accounting Program Improvement Study.
Project Director: Schrag, Adele F.
Organization: Temple Univ., Philadelphia, Pa.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to construct and test observation and interview instruments which will produce valid and reliable data when used in observing on-the-job accounting and computing occupations workers and identify specific tasks, frequency, and the standard required for performance. A working task list will be constructed, visitations will be arranged, and the task list will be evaluated before modifications are made.

SB004549 **VTP-1595**

An Examination of the Relationship Between High School Experiences of Youth and Success and Satisfaction in Post-Secondary Endeavors.
Project Director: Herr, Edwin L.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to collect all relevant data concerning the post high school experience of the 1974 graduating classes, transform the raw data into its most usable form and store it on computer tape, provide the school systems with comprehensive follow-up information, and conduct and report on a comparative study of the post high school experiences of graduates on a cross-sectional study.

SB004550

Forecasting the Future Food Service World of Work.
Project Director: Powers, Thomas F.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

An interrelated set of optimistic scenarios and a set of pessimistic scenarios will be used to construct models of future food service to facilitate vocational technical curriculum planning. Estimates of probable wage levels will be prepared, and the impact of rising wages on the price structure and operating strategies of food service establishments will be assessed.

SB004551

The Use of Infra Sound Therapy with Deaf and Hard-of-Hearing Adults.
Project Director: Fricke, J. E.
Organization: Lancaster Cleft Palate Clinic, Pa.

This project's objective is to assess the efficacy of the techniques and equipment developed by Infra Code, Inc. for rehabilitation of deaf and hard-of-hearing persons. The project also seeks to improve participants' communications skills. Procedures include pre- and posttherapy audiometric testing and personal evaluation of the social adequacy of the patients' hearing acuity. Project staff will receive special equipment training and will survey and review the relevant literature.

SB004552 **VTP-1593**

An Analysis of the In-Service Education Practices, Procedures and Perceptions of Vocational-Technical Teachers and Supervisory Leaders in the Area Vocational-Technical Schools of the Commonwealth of Pennsylvania.
Project Director: Keyser, Herbert L.
Organization: Temple Univ., Philadelphia, Pa. Div. of Vocational Education.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to determine what inservice education practices are being performed in vocational education, determine the relationship between the perceptions and responses of the vocational and technical teachers and supervisory leaders concerning the assessment, and determine what inservice education practices should be performed. This study will survey by questionnaire the seventy-six area vocational and technical schools.

SB004553 **VTP-1592**

Continuation and Diffusion of a Model Occupationally Oriented Curriculum.
Project Director: Minnis, David G.
Organization: Northwest Tri-County Intermediate Unit 5, Erie, Pa.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to integrate occupational and self-awareness with the basic academic materials of the ninth grade level, individualize the learning program to meet each student's need, and demonstrate the feasibility of using existing computer facilities for storage and retrieval of curriculum. The project will concentrate on the continuation and diffusion of a model occupationally oriented ninth grade curriculum.

SB004554 **VTP-2232**

A Career Approach to Natural Resource Management in Wildlife and Recreation.
Project Director: Mack, Rodney P.
Organization: Conrad Weiser High School, Robesonia, Pa.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 76

This is a two-year natural resource project to train workers in wildlife and recreation management. Emphasis is placed on field study or hands-on experience. This project includes a built-in program of job placement and supervised work experience.

SB004555

Nursing and Auxiliary Nursing Articulation.
Project Director: Bacon, John W.
Organization: Butler County Community Coll., Pa.

Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project is aimed at studying the problems between training institutions and levels of training and developing a model program to support articulation. Objectives include developing a program to facilitate the upward mobility of nursing and auxiliary nursing personnel in their educational programs, developing a model for northwestern Pennsylvania, and developing a continuing education program for various levels of health personnel.

SB004556

Home Health Management Assistant.
Project Director: Taylor, Ray L.
Organization: Schuylkill County Area Vocational Technical School, Pottsville, Pa.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 76

This project will develop a curriculum and clinical experiences for training secondary students to provide personal care services to a convalescing patient and the family in the home. Objectives for the students include demonstrating skill in performing simple nursing tasks, demonstrating understanding of the basic principles for home patient care, and assisting in all aspects of home care and management.

SB004557

Home Health Management Aide.
Project Director: Mincemoyer, Betty Jane
Organization: Mifflinburg Area School District, Pa.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 76

This project seeks to pilot a secondary training program for home and institutional health aides. Objectives include (1) generating interest among students and helping them explore health career opportunites, (2) bringing respect and esteem to the profession, (3) showing the best way to use and care for equipment, and (4) teaching the proper procedures of all home and institutional care of the sick.

SB004558

Prevocational Education Resource Center.
Project Director: Murphy, William W.
Organization: Harrisburg School District, Pa.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 76

This project intends to design and operate, on a pilot basis, a prevocational resource room for educable mentally retarded (EMR) children in grades 7-9. Its objectives are to (1) establish the room according to a previously developed design, (2) diagnose student weaknesses, (3) design a program to help ameliorate deficiencies, (4) develop career awareness in EMR students, and (5) acquaint students with vocational high school training programs.

SB004559

Vocational - Bicycle Repair.
Project Director: Degler, John M.
Organization: Pennsylvania School for the Deaf, Philadelphia.
Funding Period: Start Date 6 Jan 75; End Date 30 Jun 75
Contract and/or Control No.: 19-3802

Objectives for this pilot project include designing and implementing an occupational training program in bicycle repair for multiply handicapped students who cannot succeed in regular vocational programs without special program adaptations; providing students with an appreciation for good work habits, craftsmanship, business relations, and customer service; and increasing the percentage of employable students graduating at maximum entry positions and salary.

SB004560

Hempfield Pilot Project for EMR and Regular Class Students.
Organization: Hempfield School District, Landisville, Pa.
Funding Period: Start Date 13 Jan 75; End Date 30 Jun 75
Contract and/or Control No.: 19-3803

This project will videotape educable mentally retarded (EMR) and regular class work-experience students at their respective work stations. It seeks to enhance the performance of the EMR and regular students in job-training stations; create an evaluation protocol by providing feedback for students, parents, employers, and the work-experience coordinator; and provide a library of videotapes for prevocational students.

SB004561

Evaluation of Three School-Based Job Placement Projects in Pennsylvania.
Project Director: Meehan, Merrill L.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 27 Jan 75; End Date 30 Jun 75
Contract and/or Control No.: 19-4801

The purpose of this study is to measure the process and product of selected job placement pilot projects in three area vocational and technical schools. Objectives include measuring the effectiveness of the job placement project and measuring and analyzing the attitudes of students, parents, teachers, administrators, employers, and community agencies toward the school-based job placement project services.

SB004562

Preemployment for Youth Forestry Camp.
Project Director: Marziano, S. Robert
Organization: Beaver Valley Intermediate Unit 27, Monaca, Pa.
Funding Period: Start Date 1 Feb 75; End Date 30 Jun 75
Contract and/or Control No.: 19-3038

In cooperation with Wilkes College Educational Development Center, this project intends to establish a career resource center and develop and implement a pre-employment course of study primarily for students using a youth forestry camp. Objectives include disseminating accurate and relevant career information, helping students integrate self-knowledge with relevant career information, and assisting faculty in integrating information into their instructional activities.

SB004563

Preemployment Preparation for a Youth Development Center.
Project Director: Headlee, Robert V.
Organization: Waynesburg Youth Development Center School, Intermediate Unit 1, Pa.
Funding Period: Start Date 1 Feb 75; End Date 30 Jun 75
Contract and/or Control No.: 19-3039

In cooperation with Wilkes College Educational Development Center, this project intends to establish a career resource center and develop and implement a pre-employment course of study primarily for students in a youth development center. Objectives include disseminating accurate and relevant career information, helping students integrate self-knowledge with relevant career information, and assisting faculty in integrating information into their instructional activities.

SB004564

In-Service Workshop for Supervisors of the Trainable Mentally Retarded.
Project Director: Finkenbender, Ronald L.
Organization: Capital Area Intermediate Unit 15, Lemoyne, Pa.
Funding Period: Start Date 15 May 75; End Date 30 Jun 75

The purpose of this project is to conduct an inservice workshop on vocational evaluation procedures and materials for supervisors of trainable mentally retarded (TMR) programs and directors of projects for the handicapped. Objectives include organizing a consortium for reviewing and selecting appropriate materials and arranging for presentations by various consultants on vocational evaluation materials applicable to TMR students.

SB004565

Prevocational Awareness.
Project Director: Friedberg, Michael E.
Organization: Perkiomen Valley School District, Schwenksville, Pa.
Funding Period: Start Date 1 May 75; End Date 30 Jun 75

The primary objective of this project for grades 5-12 is to develop an exploratory career center, the purposes of which include (1) helping students develop career awareness and self-awareness, (2) providing hands-on experiences, (3) improving pupil performance by unifying and focusing basic subjects around a career cluster theme, (4) providing exploration of selected occupational clusters, and (5) providing guidance and counseling.

SB004566 VTP-2233

Pre- and Post-Vocational Evaluation Program.
Project Director: Mills, Kenneth W.
Organization: Grove City Area School District, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will provide a career resource center for approximately 250 court adjudicated delinquent boys. Objectives include (1) collecting, evaluating, and disseminating relevant career information; (2) helping clients use the information; (3) helping clients integrate self-knowledge and career information; (4) helping faculty integrate career information into instructional activities; and (5) utilizing community, state, and federal resources to foster the education-work relationship.

SB004567

Communication Skills Research.
Project Director: VanderWilt, Daryl J.
Organization: Williamsport Area Community Coll., Pa.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to study current organizational and individual communication patterns, styles, and skills of forty secondary and postsecondary faculty and administrative members and involve those members in activities to assist in analyzing and understanding different communication styles of themselves and colleagues. Assumptions of McGregor's Theory X and Theory Y will be used.

SB004568

Identification of Possible Duplicate Course Offerings at Area Vocational-Technical Schools and Community Colleges.
Organization: Central Susquehanna Intermediate Unit 16, Lewisburg, Pa.

Descriptive information unavailable.

SB004569

Exemplary Career Resource Centers for Grades 6 through 9 in Pennsylvania.
Project Director: Vantine, A. William
Organization: Abington Heights School District, Clarks Summit, Pa.
Funding Period: Start Date 15 May 75; End Date 30 Jun 75

This project seeks to improve, extend, and expand information services in vocational guidance and counseling by establishing a career resource center primarily for students in grades 6-9 in selected schools. Objectives include disseminating accurate and relevant career information, helping students integrate self-knowledge with relevant career information, and assisting faculty in integrating information into their instructional activities.

SB004570

Planning Stage - Job Placement Center.
Project Director: Samuels, Melvin H.
Organization: Allegheny Intermediate Unit 3, Pittsburgh, Pa.
Funding Period: Start Date 1 Jun 75; End Date 30 Jun 75

This project intends to provide preplanning for a job placement center for occupational course graduates, establish a coordinated plan between the Allegheny Intermediate Unit and the Bureau of Employment Security, and establish the center's physical setting. The center will give job placement information and workshops and provide up-to-date information on currently available part- and full-time jobs.

SB004571

Guidelines for Establishment of Career Resource Centers and a Guide for Research Activities.
Project Director: Rohrbach, Daniel A.
Organization: Berks Area Vocational-Technical School, Leesport, Pa.
Funding Period: Start Date 1 May 75; End Date 30 Jun 75

To help the research coordinating unit accomplish its dissemination function, the Berks County Vocational-Technical School will print 1,000 copies each of two publications developed in cooperation with the Bureau of Vocational Education. The report will be distributed to all interested educational practitioners in Pennsylvania.

SB004572

Workshop - Career Education for the Handicapped.
Project Director: Sam, Norman H.
Organization: Lehigh Univ., Bethlehem, Pa.
Funding Period: Start Date 1 May 75; End Date 30 Jun 75

The project seeks to develop a workshop model for helping vocational teachers educate handicapped adolescents and youth within a vocational setting. Specific objectives include sensitizing workshop participants to the characteristics of handicapped adolescents and youth, acquainting participants with procedures and techniques of representative vocational education programs for handicapped youth, and suggesting techniques for modifying instruction to meet the needs of handicapped students.

SB004573

A Study of Occupational Mobility in Pennsylvania: Phase I.
Project Director: Herr, Edwin L.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Jun 75; End Date 30 Jun 75
Contract and/or Control No.: 19-5002

The purpose of this study is to examine existing census data about occupational mobility in Pennsylvania to identify such patterns as exist and formulate means by which they can be communicated to students and counselors for use in occupational and educational choice and planning. The project will obtain a census printout, begin literature reviews, and review the census data.

Fiscal Year 1976

SB004574 VTP-2299

Video-Tape Pilot Project for EMR and Regular Class Students on a Work-Experience Program.
Project Director: Caci, William P.
Organization: Hempfield School District, Landisville, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-5814

During this project educable mentally retarded and regular class work-experience students will be videotaped at their respective work stations performing their duties. The tapes will be used by the work-experience coordinator to help improve the performance of students' work and in the education of prevocational students. In addition, the tapes will be used with employers, prospective employers, and parents to illustrate the tangible results of the program.

SB004575 VTP-2290

Home Health Management Assistant.
Project Director: Taylor, Ray L.
Organization: Schuylkill County Area Vocational Technical School, Pottsville, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The project seeks to field test the curriculums that have been developed to train home health management assistants. One objective is to determine if the program should be one year for seniors or a two-year program beginning in the eleventh grade with the senior year spent in supervised co-op placement. A second objective is to determine the time necessary to train students in competencies and if the students develop these competencies after completing the curriculum.

SB004576 VTP-2297

A Study of Career Selection.
Project Director: Phelps, Phillip R.
Organization: Midwestern Intermediate Unit 4, Grove City, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project, which will involve twenty-seven school districts, will assess the effects of varying degrees of intervention in the career selection process of students. The project will attempt to determine the advisability of using any or all of the following: classroom learning experiences, specific audiovisual programs, and students' interests as the sole criterion.

SB004577 VTP-2286

Dissemination of Vocational Development Research.
Project Director: Kapes, Jerome T.
Organization: Lehigh Univ., Bethlehem, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The purpose of this project is to produce and disseminate research information on vocational guidance and job placement in the public schools. Objectives include conducting mini-studies to relate in-school student and program characteristics to out-of-school success and satisfaction criteria; mailing brief, monthly, nontechnical reports to vocational directors, counselors, and job placement coordinators; discussing with appropriate personnel the relevance of the research in their own schools, and helping interested personnel devise studies to enhance vocational guidance in their schools.

SB004578 VTP-2295

Prevocational Education Resource Center.
Project Director: Murphy, William W.
Organization: Harrisburg City School District, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project is designed to provide more effective preparation on the junior high level for vocational education or work-study programs and identify and develop related aptitudes and skills. About 125 students will spend four sixty-minute class periods per week developing skills in each aptitude area.

SB004579 VTP-2287

Follow-Up of Hearing Impaired Graduates.
Project Director: Powers, Gerald W.
Organization: Bloomsburg State Coll., Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will follow up employed and unemployed hearing impaired graduates from 1970-1975. The objective is to analyze patterns of work adjustment to identify the critical vocational problems facing the young deaf adult and determine their causes. Instruments used to collect the data will include the high school graduate follow-up career survey, graduate questionnaire, and employer survey. Staff from residential schools, intermediate units, teacher training institutions, and the Department of Education will collect and analyze the data.

SB004580 VTP-1594

VEMIS Back-Up Facility and Transfer of Functions.
Project Director: Golden, Edward J., Jr.
Organization: Lancaster-Lebanon Intermediate Unit 13, Lancaster, Pa.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project is designed to provide for an orderly transfer of selected VEMIS computing functions that are now being performed by the contractor. The project will establish program goals and objectives, establish policies and guidelines, collect program descriptive information, identify problems concerning objectives, coordinate planning with other agencies, and produce directories and reports.

SB004581 VTP-2284

Creating a Career.
Project Director: Dzubak, Cathy Lee
Organization: Hopewell School District, Aliquippa, Pa.
Funding Period: Start Date 1 Aug 75; End Date 30 Jun 76

The goal of this project is to develop students' occupational judgement and increase employment opportunities. Objectives include preparing students for occupational decisions, increasing students' knowledge of specific occupations, and helping students get a job. Students' knowledge of careers will be developed through occupational investigation and exploration. A guidance and counseling service will be established, and skills needed to apply for jobs will be taught.

SB004582 VTP-2289

Home Health Management Aide.
Project Director: Young, Earl E.
Organization: Mifflinburg Area School District, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-5810

Objectives of this project are to instruct male and female students in the institutional and home care of the sick, provide students with information about health careers, and open new possibilities for employment. A home health course will be offered for the entire school year. Students will be taught skills necessary to get a job.

SB004583 VTP-2285

Development of a Job-Opportunity Based Planning Model for High School Vocational Agriculture Programs.
Project Director: Herr, Edwin L.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

Objectives of this continuing project include: (1) descriptions of the geographical area within which graduates obtain their first entry-level positions, and the method for gathering and recording such information; (2) a description of the method for determining the hierarchy of competencies required for entry-level positions or those requiring additional adult education; and (3) an instructional program model in vocational agricultural concepts which have been tested in several selected schools.

SB004584 VTP-2282

A Career Approach to Natural Resource Management to Wildlife and Recreation.
Project Director: Rohrbach, Walter A.
Organization: Conrad Weiser Area School District, Robesonia, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The purpose of this three-phase project is to provide vocational training for persons wishing to work in the recreational and wildlife natural resource areas. Phase I will assemble equipment, establish an advisory committee, write curriculum, and make arrangements for work-experience training and recruitment of students. Phase II will include the first year of instruction, followed by an evaluation of the first two phases. Phase III will begin the second year of instruction in recreation and the first year in wildlife.

SB004585 VTP-2298

Symposium on Policy Issues in Education for New and Emerging Careers.
Project Director: Powers, Thomas F.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The project will fund a symposium centered on five topics: kind of agency (industry or school); technological unemployment and occupational education; planning curricula for today and tomorrow; articulation, certification, and caste; and education beyond the economic level. Each issue will be presented in a position paper, then discussed from three viewpoints: those of the student, the field of employment affected by such educational programs, and society.

SB004586 VTP-2293

Job Placement Center.
Project Director: Samuels, Melvin H.
Organization: Allegheny Intermediate Unit 3, Pittsburgh, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will fund a job placement center to which students will be referred by their home school or vocational counselor for career counseling or job placement. A workshop will be held to instruct students in how to complete job applications and resumes. Job interviews will be discussed and simulated through role playing. After completing the workshop, students will be interviewed and informed of possible job openings. An occupational placement specialist will serve as an intermediary between employer and student.

SB004587 VTP-2288

Health Occupations Advanced Standing and Articulation Pattern (Development and Planning).
Project Director: Lamping, Robert G.
Organization: Pittsburgh City Schools, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will initiate a career mobility program for the high school health assistant student that will permit qualification for advanced standing in the licensed practical nursing program. Guidance and information will be obtained from already functioning articula-

tion programs. The articulation program will be presented to the Pennsylvania State Board of Nurse Examiners and, upon approval, an implementation plan for the health assistant-practical nurse articulation pattern will be developed.

SB004588 **VTP-2281**

Agricultural Products.
Project Director: Rohn, Curtis L.
Organization: Solanco School District, Quarryville, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The purpose of this project is to develop and field test courses and lesson plans in agricultural processing for use in secondary schools and produce a course outline that can be distributed to other schools. Courses will be developed in meat, poultry, dairy products, and produce processing.

SB004589 **VTP-2155**

A Study of Occupational Mobility in Pennsylvania - Phase II.
Project Director: Herr, Edwin L.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will examine the Pennsylvania census data for each of the 106 occupations included in the professions, technical, and kindred workers cluster to identify information including annual occupational withdrawal and re-entry rates by race and sex, alternate routes for obtaining work in particular occupations, occupational entry rates for persons leaving the armed forces, rural or urban occupational availability, supply/demand ratios of occupational interaction, and movement among technical and professional occupations. Expectancy tables describing each occupation will be developed.

SB004590 **VTP-2283**

Coordination of Secondary and Postsecondary Technical Curriculum.
Project Director: Kifer, Robert H.
Organization: Greater Johnstown Area Vocational-Technical School, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The goal of this project is to develop a coordinated technical program from high school through college. Objectives will be to list entry-level jobs available to graduates of a two-year high school electronics technology program, and a four-year applied engineering degree program; describe courses taught at each level; and determine how better coordination can benefit students and instructors.

SB004591 **VTP-2294**

Nursing and Auxiliary Nursing Articulation.
Project Director: Bacon, John W.
Organization: Butler County Community Coll., Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will develop a model nursing program. Objectives include providing maximum learning opportunities for nursing personnel, implementing an articulation program, graduating various levels of nursing personnel to meet community health needs, and providing continuing education as part of the total nursing curriculum.

SB004592

An Analysis of Selected Personal and Situational Variables and Their Impact on Achievement as an Approach to Measuring the Effectiveness of an Innovation in Distributive Education.
Project Director: Apparies, Barry M.
Organization: Temple Univ., Philadelphia, Pa.
Funding Period: Start Date 1 Mar 76; End Date 30 Jun 76
Contract and/or Control No.: 19-5817

The objectives of this study are to determine the extent to which use of Learning Activity Packages significantly affects student achievement; the extent to which other factors such as teachers' characteristics and their perceptions of themselves and their schools are related to student achievement; and the extent of interaction, if any, of selected variables when considered with student achievement and use or nonuse of the specific innovation.

SB004593 **VTP-2613**

Eradicating Sexism in Vocational Education.
Project Director: De Sanctis, Vincent
Organization: Williamsport Area Community Coll., Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will investigate the nature and extent of sex stereotyping in vocational education. An institutional self-assessment will be conducted. Inservice seminars will be offered for teachers and counselors in the ten-county service area on aspects of sexism and will focus on ways to reduce or eliminate real and artificial barriers. Counseling, instructional, and career-related materials will be assessed for sex stereotyping.

SB004594 **VTP-2619**

Instructional Development: Service and Operation of Heavy Construction Equipment Program.
Project Director: Stevens, William L.
Organization: Williamsport Area Community Coll., Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 19-6803

This project will develop behaviorally oriented project sheets, films, and tapes for various student projects in the Service and Operation of Heavy Equipment program. Skills needed by students after completing the program will be analyzed, and surveys made of available equipment, instructional materials, and facilities to determine what instructional areas require reinforcement. The additional instructional material will help students learn increasingly more complicated systems of heavy construction equipment.

SB004595

1974-76 Follow-Up of the Physically Handicapped in Pennsylvania.
Project Director: Clark, William H.
Organization: Venango County Area Vocational-Technical School, Oil City, Pa.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 19-6807

This study will follow up employed and unemployed physically handicapped individuals who graduated in 1974-76 from selected schools in Pennsylvania. The main objective is to analyze work adjustment patterns to identify the critical vocational problems facing the physically handicapped graduate and determine their causes. Graduates and their employers will be surveyed, and the resulting information will be used to help upgrade vocational and academic curricula and as an aid in planning for future programs.

SB004596 **VTP-2614**

Evaluation of Funded Projects for Development of Vocational Instructional Materials.
Project Director: Herr, Edwin L.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

A longitudinal study will be conducted to evaluate the impact of vocational courses of study funded in Pennsylvania within the last ten years. Objectives are to identify the presently funded vocational courses of study, determine similarities and differences of various delivery systems, examine strengths and weaknesses of various approaches and methods, develop a strategy for future evaluation, and develop and publish a quarterly newsletter to disseminate findings.

SB004597 **VTP-2616**

Food Service Curriculum Validation Project.
Project Director: Weis, Susan F.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will conduct an evaluative study of curriculum guidelines for food service education developed during 1975-76. Evaluation criteria for curriculum assessment include student achievement, attitude, and performance. Three experimental and three control schools will provide data. The curriculum guidelines will not be implemented in the control schools. Instruments to be used are the Food Service Achievement Test, the Vocational Commitment Index, and the Competency Attainment Checklist.

SB004598

Sexism in Education.
Organization: Central Columbia School District, Bloomsburg, Pa.
Descriptive information unavailable.

SB004599 VTP-2624

Student Maturity Using a Vocational Information Delivery System.
Project Director: Frioni, E. Robert
Organization: Moon Area School District, Coraopolis, Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 19-6003

The purpose of this continuing project is to evaluate the vocational maturity of students who use the Vocational Information Delivery System Center. Project objectives are to measure career choice competencies and attitudes; help students integrate self-knowledge with relevant career information through counseling; and collect, evaluate, and disseminate accurate and relevant vocational information. The Career Maturity Inventory will be used as a pre- and posttest.

SB004600 VTP-2609

AVTS Employer Follow-Up Study.
Project Director: Kapes, Jerome T.
Organization: Lehigh Univ., Bethlehem, Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will evaluate the Area Vocational Technical School (AVTS) delivery system through ascertaining the current status of employee follow-up studies in AVTS, developing employer follow-up procedures, gathering evidence of success of AVTS graduates via employers, comparing relative success of different programs, surveying perceptions of employers toward the AVTS, and providing employer feedback to the Bureau of Vocational Education and AVTS. A sample of employers of recent graduates will provide data.

SB004601

The Development of the Role of Industrial Arts in Vocational Education.
Project Director: Taylor, Ray L.
Organization: Schuylkill Intermediate Unit 29, Pottsville, Pa.
Funding Period: Start Date 1 Mar 76; End Date 30 Jun 76

The purpose of this project is to determine the most effective ways to offer an industrial arts program, including occupational information, prevocational skill development, and career exploration and guidance. Specific objectives are to assist individuals in making meaningful occupational choices and prepare individuals for enrollment in advanced or highly skilled vocational and technical education programs.

SB004602

Relationship Between Communication Skills of Young Deaf Adults and Success in Employment.
Project Director: Powers, Gerald
Organization: Northeastern Educational Intermediate Unit 19, Scranton, Pa.
Funding Period: Start Date 1 Dec 75; End Date 30 Jun 76
Contract and/or Control No.: 19-6009

The intent of this project is to gather information from the hearing impaired graduates in Pennsylvania (1970-75) and their employers to help evaluate the vocational and academic curriculum and plan for future programs. In this project, the communication skills of the graduate and success in the job as rated by the employer will be examined.

SB004603

Secondary Vocational-Technical Instructional Time Study.
Project Director: Tule, James O.
Organization: Williamsport Area Community Coll., Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-5818

The aim of this project is to determine the efficiency and effectiveness of different instructional turn-around time frames as they relate to secondary vocational and technical training programs at the community college. The project will relate scheduling time-frame variables to teacher effectiveness, student attitudes and performance, specific differences in the two- and nine-week options, and basic concepts and practices of alternate programming that can be used by other programs.

SB004604

Characteristics of Vocational Food Service Teachers and Their Relationship to Teacher Effectiveness.
Project Director: Simpson, Margaret J.
Organization: Lehigh County Area Vocational-Technical School, Schnecksville, Pa.
Funding Period: Start Date 1 Mar 76; End Date 31 May 76
Contract and/or Control No.: 19-5819

This project will relate teaching effectiveness to teacher characteristics to determine if any personal, professional, or educational parameters are clearly equatable with teacher effectiveness in the food service program. Effectiveness will be defined as the quality of the interpersonal relationship between the teacher and the student, as perceived by the student, and the ability to produce educational outcomes. Teacher characteristics are defined as age, sex, industrial experience, teaching experience, teacher self-perception of concern, and level of education.

SB004605

Attitudes of Pennsylvania Vocational Educators Concerning Sex Role Changes and Resulting Program Implications.
Project Director: Eversole, Jill
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 15 Apr 76; End Date 30 Jun 76
Contract and/or Control No.: 19-6014

The purpose of this project is to analyze the sex-role attitudes of vocational education teachers and their stated beliefs about their own behavior. The study involves attitudes toward the roles of both sexes and will be measured in both scale of masculinity and feminity, noting similarities rather than differences, and will be measured for both males and females.

SB004606

Comparison of Hearing Impaired to Hearing Graduates on the High School Graduate Follow-Up Career Survey.
Project Director: Powers, Gerald
Organization: Northeastern Educational Intermediate Unit 19, Scranton, Pa.
Funding Period: Start Date 1 Dec 75; End Date 30 Jun 76
Contract and/or Control No.: 19-6008

The objective of this project is to analyze data collected from hearing impaired and hearing graduates for 1974 and identify any significant differences (with respect to employment, education, etc.) between the two groups and help provide the best vocational training for the hearing impaired.

SB004607 VTP-2625

Vocational Determination Process Through School, Industry and Community Involvement.
Project Director: Staber, Richard
Organization: Central Columbia School District, Bloomsburg, Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Sep 77

This project will collect and analyze data on the occupational or career goal choices of a tenth grade class. Their initial goals will be followed over time to compare individual interests with ultimate curriculum choices and student capabilities, initial curriculum and career choices with long-term vocational goals, and test data obtained in school with initial jobs obtained after graduation. A selected sample of students will gain vocational training through a nontraditional vocational education system. School, industry, and the community will help to plan the project.

SB004608

The Third-Year Evaluation of Two Career Education Projects in Pennsylvania.
Project Director: Ciavarella, Michael
Organization: Shippensburg State Coll., Pa.
Funding Period: Start Date 1 Aug 75; End Date 30 Jun 76
Contract and/or Control No.: 19-6004

This project will provide funds to hire a third-party evaluator for the third year to coordinate the evaluations of two projects located at McKeesport and Ebensburg; provide the two sites with profes-

sional and technical assistance in planning, developing, and implementing evaluative plans or strategies; and combine the two evaluations into a final report.

SB004609

A Vocational Classroom Teacher's Hands-On Instrument to Measure Entry and Exit Skills of the Special Education Student for Specific Occupations.
Project Director: Feichtner, Sheila H.
Organization: Pittsburgh Univ., Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-6005

This project will identify employment skills idiosyncratic to specific occupations and develop hands-on diagnostic tests which can be administered by the classroom teacher. The combination of a diagnostic instrument and an individualized curriculum package building from the simple to the complex will enable the teacher to identify appropriate entry and exit points for each student.

SB004610

A Survey to Determine the Availability and Utilization of Television in the Business Education Programs in Public Schools in Pennsylvania.
Project Director: Phillips, Martha J.
Organization: Indiana Univ. of Pennsylvania.
Funding Period: Start Date 1 Sep 75; End Date 30 Apr 76
Contract and/or Control No.: 19-6006

This project to determine the availability and use of television in business education programs will prepare a survey instrument to determine the scope and use of enrichment television programs, use of open-circuit and closed-circuit television and videotaped courses, and transmission of educational programs into schools from broadcast stations. Schools with outstanding programs will be visited. A final report will be written.

SB004611

Evaluation of a Vocational Information Delivery System.
Project Director: Frioni, Ernest R.
Organization: Moon Area School District, Coraopolis, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-6003

The purpose of this project is to evaluate the effectiveness of a vocational information delivery system for ninth grade students. Students will be randomly assigned to either an experimental or control group. The experimental group will receive a structured program incorporating the LaBelle Sentinel 16 Compak Vocational System. Both groups will be pre- and posttested to determine the effectiveness of the program.

SB004612

Vocational Education Possibilities in the Petroleum Industry.
Project Director: Crumrine, Myron A.
Organization: Bradford Area High School, Pa.
Funding Period: Start Date 1 Jan 76; End Date 30 Jun 76
Contract and/or Control No.: 19-6010

This project will determine manpower needs in the local oil industry, the feasibility of developing a course to train students for entry-level jobs in the field production phase of the industry, and training activities which can be adapted to a shop laboratory setting. A nine-week exploratory course will be offered to measure student interest and the oil industry's cooperation.

SB004613

Vocational Language Program for Secondary TMR Teachers.
Project Director: Bonnett, Earl E.
Organization: Appalachia Intermediate Unit 8, Ebensburg, Pa.
Funding Period: Start Date 1 Jan 76; End Date 30 Jun 76
Contract and/or Control No.: 19-6011

To bridge the gap that exists between the secondary classroom curriculum for trainable mentally retarded students and the world of work, this project will develop a functional vocational language program for secondary trainable mentally retarded students and a task analysis of jobs that exist in vocational rehabilitation facilities or in the community and that are applicable to trainable mentally retarded students.

SB004614

A Study Comparing Typewriting Achievement of Students Attending Class Three and Five Days a Week in Beginning Typewriting at the Community College Level.
Project Director: Ziemer, Adelle W.
Organization: Lehigh County Community Coll., Schnecksville, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-6012

The objectives of this project are to determine whether beginning typing on the community college level should be taught in a five-day-a-week pattern or in a reduced three-day-a-week pattern; which type of student will benefit most from a reduced three-day-a-week pattern, and what predictors may be used to prescribe the appropriate frequency pattern of instruction.

SB004615

An Investigation of Proprietary Vocational Education as an Alternative to Public Supported Vocational Training in Automotive Mechanics for Secondary Students.
Project Director: Dryburg, Thomas
Organization: Central Chester County Area Vocational-Technical School, Coatesville, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-6007

This project plans to enroll twenty-one students in an automotive mechanics program at a local proprietary school. Students will be eleventh and twelfth graders who were excluded from their Area Vocational Technical School (AVTS) because of district quotas. A control group of students will be identified at the AVTS, and both groups will be pretested and posttested to determine the effectiveness of the programs.

Fiscal Year 1977

SB004616

Feasibility Study of Whether to Implement a Sawmilling and Wood Handling Program at WACC.
Project Director: Ringling, Dennis F.
Organization: Williamsport Area Community Coll., Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 19-6817

The purpose of this project is to determine the feasibility of implementing a sawmilling and wood handling program of instruction at Williamsport Area Community College. The project will research, through onsite observation and interviews, the industrial needs for sawmilling and wood handling technical graduates and will establish programs to provide for those needs. An existing sawmilling technical program will be visited.

SB004617 **VTP-2878**

Mainstreaming Special Needs Students.
Project Director: Clark, William H., Jr.
Organization: Venango County Area Vocational Technical School, Oil City, Pa.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 19-6816

This project seeks to develop and test alternative strategies for training personnel and delivering regular vocational programs so as to mainstream special needs students into the vocational classroom. Procedures will include restructuring the career education concept as it applies to special needs students by developing a reverse chaining career education model which focuses primarily on the vocational education needed for gainful employment.

SB004618 **VTP-2882**

A Video-Tape Project for Educable Mentally Retarded and Regular Class Students on a Work-Experience Program.
Project Director: Caci, William P.
Organization: Hempfield School District, Landisville, Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 19-6815

This continuing project will videotape educable mentally retarded and regular class work-experience students at their work stations performing their duties. The tapes will be used to improve the students' work performance, illustrate the tangible results of the program, help educate prevocational students, and illustrate local

occupations and their requirements.

SB004619 VTP-2876

Identifying Competencies Needed to Train Vocational Teachers to Teach Disadvantaged Students.
Project Director: Farmer, Edgar I.
Organization: Pennsylvania State Univ., University Park.
Funding Period: Start Date 1 Jul 76; End Date 30 Sep 77
Contract and/or Control No.: 19-6813

This project seeks to identify pedagogical competencies for vocational teacher educators in the inner cities and list instructional alternatives which will enhance the chances for success in an inner city classroom. Procedures include a pilot study of vocational education teachers and administrators in an inner city high school in Harrisburg and analyzing data.

SB004620 VTP-2874

Determining the Feasibility and Acceptability of the Cluster Concept as a Modification of Existing Curriculum in a Comprehensive AVTS.
Project Director: Thomas, Donald
Organization: Greater Johnstown Area Vocational-Technical School, Pa.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 19-6814

Focusing on the cluster concept in the construction trades to develop a rationale for future program development, this project seeks to study strategies for more effective cooperative planning in relating academic and vocational courses and determine whether a change of emphasis is feasible and acceptable in this comprehensive Area Vocational-Technical School program.

SB004621 VTP-2810

Prevocational Exploratory Program.
Project Director: Kulman, Harold
Organization: Jewish Employment and Vocational Service, Philadelphia, Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project seeks to implement a prevocational program in two eastern Pennsylvania elementary schools. Two sets of a three-module career exploratory program will be developed, each module containing two newly developed modules and one module previously prepared. Each module will include a slide/tape orientation, a structured hands-on activity, and a student vocational pre- and posttest.

SB004622 VTP-2873

Design of a Decision Model for Adjusting Curricula, Facilities and Personnel.
Project Director: Cohen, Stanley B.
Organization: Philadelphia School District, Pa.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 19-7001

This project aims to construct and implement an integrated vocational education decision model, so as to allow coordination between curricular planning and occupational trends and shifts. Specific objectives are to analyze new and changing occupations, assess student needs through questionnaires, and analyze current and future needs for personnel and services affected by new occupations.

SB004623 VTP-2877

An Investigation of Job Opportunities and Job Requirements for Medical Secretaries.
Project Director: Stampien, Elaine F.
Organization: Riverside School District, Taylor, Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 19-6819

This project will determine the current job opportunities and job requirements for beginning medical secretaries in Lackawanna and Luzerne counties. Procedures will include visiting and researching the prime job market area for potential medical secretarial graduates of Riverside Junior-Senior High School, visiting Hershey and Geisinger Medical Centers and Robert Packer Hospital, and course formulation research.

SB004624 VTP-2807

An Analysis of the Administrative Structure and Styles of Operation of Directors of Occupational Education in Public Community Colleges.
Project Director: McQuay, Paul L.
Organization: Williamsport Area Community Coll., Pa.
Funding Period: Start Date 1 Sep 76; End Date 30 Mar 77
Contract and/or Control No.: 19-6820

This project seeks to (1) identify the position charged with the responsibility for vocational education in public community colleges; (2) collect data on that administrator's life and duties; (3) identify the influence of others in the planning of budget, curriculum, facilities, and governance; (4) identify administrative style and its relation to work responsibilities; and (5) offer recommendations for improving the administration of community college vocational education.

SB004625 VTP-2809

Develop a Vocational Classroom Teacher's Hands-On Instrument to Measure Entry and Exit Skills of the Special Education Student for Specific Occupations (Continuation).
Project Director: Feichtner, Sheila H.
Organization: Pittsburgh Univ., Pa. School of Education.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 19-6005

This project seeks to develop a rationale for designing a hands-on instrument by which the vocational classroom teacher can diagnose entry skills and measure exit skills of special education students and design such an instrument for each of the six to ten occupational areas for which curriculum will be prepared. The occupational areas include drafting, clerical/office, metal construction, sales, wood construction, food preparation, medical services, traveling services, cosmetology/barbering, and small engines.

Part D

Fiscal Year 1970

SB004626

Evaluation of Selected Exemplary Projects Designed to Improve Vocational Exploration.
Organization: Pennsylvania State Univ., University Park.

Descriptive information unavailable.

SB004627

Innovative Utilization of Television for Dissemination of Occupational Information Through Regional Industrial Participation.
Organization: Hazleton Area School District, Pa.
Contract and/or Control No.: 20-1002

This two-year project intends to disseminate occupational information by means of television tapes produced through industrial cooperation and student participation and provide an additional means of giving guidance counselors information on local job openings. Twenty-three occupational areas will be taped, each on three levels-upper elementary, junior high, and senior high. Presentations for senior high will feature local job opportunities.

SB004628

Career Resource Center.
Organization: Greater Johnstown Area Vocational-Technical School, Pa.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

This project will enable students to develop career awareness and career and educational decision-making skills; see the relationship of education to job training, career development, career planning, and career decision making; and become more aware of the perceptions of others and how they can modify their behavior to adapt more appropriately to employer expectations.

SB004629

Model Career Resource Centers in Schools for the Systematic Purposeful Use of Career Information Supported by a State Information Preparation Agency.

Organization: North Hills School District, Pittsburgh, Pa.

The purpose of this project is to initiate state sponsorship of model career resource centers to improve, extend, and expand information services. Operation of the centers is aimed at overcoming deficiencies in existing career information resources, coordinating dissemination and utilization of resources, and providing trained vocational counselors to help students use the information appropriately.

SB004630

Model Career Resource Center at Springfield High School for the Systematic, Purposeful Use of Career Information.
Organization: Springfield School District, Pa.

It is the purpose of this project to overcome deficiencies in existing career information resources, coordinate dissemination and utilization of resources, and provide trained vocational counselors to help students use the information appropriately.

SB004631

Model Career Resource Center.
Organization: State College Area School District, Pa.
Contract and/or Control No.: 20-1006

This project will demonstrate a realistic process where all students will have increased use of the information and resources vital to the decision-making points of the career development process.

SB004632

York County Vocational-Technical School Career Resource Center.
Project Director: Sheckart, Theodore
Organization: York County Vocational-Technical School, Pa.

The purpose of this project is to initiate state sponsorship of model career resource centers to improve, extend, and expand information services. Features of the program include establishment of a local career information collection and dissemination system and dissemination center, utilization of a career resource specialist, and development of activities to introduce students to actual work experiences.

SB004633

Pennscripts - Career Information for Student Use in the Schools of Pennsylvania.
Organization: Pennsylvania Personnel and Guidance Association, Kutztown, Pa.

This project will improve the career information resources available to students through the development of a system for preparing and disseminating current, relevant, and accessible career scripts and selected materials. The project will continue to operate a centrally located system for producing career information pertinent to students from a wide range of abilities and interests for distribution throughout Pennsylvania.

Fiscal Year 1971

SB004634

Innovative Utilization of Television for Dissemination of Occupational Information Through Regional Industrial Participation.
Organization: Hazleton Area School District, Pa.
Funding Period: Start Date 1 May 71; End Date 30 Jun 72
Contract and/or Control No.: 20-1002

This two-year project intends to disseminate occupational information by means of television tapes produced through industrial cooperation and student participation and provide an additional means of giving guidance counselors information on local job openings. Twenty-three occupational areas will be taped, each on three levels–upper elementary, junior high, and senior high. Presentations for senior high will feature local job opportunities.

SB004635

Career Resource Center (Project Continuation).
Organization: Greater Johnstown Area Vocational-Technical School, Pa.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

Continuation of this project will enable students to develop career awareness and career and educational decision-making skills; see the relationship of education to job training, career development, career planning, and career decision making; and become more aware of the perceptions of others and how they can modify their behavior to adapt more appropriately to employer expectations.

SB004636

Model Career Resource Centers in Schools for the Systematic Purposeful Use of Career Information Supported by a State Information Preparation Agency.
Organization: North Hills School District, Pittsburgh, Pa.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this continuing project is to initiate state sponsorship of model career resource centers to improve, extend, and expand information services. Operation of the centers is aimed at overcoming deficiencies in existing career information resources, coordinating dissemination and utilization of resources, and providing trained vocational counselors to help students use the information appropriately.

SB004637

Model Career Resource Center at Springfield High School for the Systematic, Purposeful Use of Career Information.
Organization: Springfield School District, Pa.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

It is the purpose of this project to overcome deficiencies in existing career information resources, coordinate dissemination and utilization of resources, and provide trained vocational counselors to help students use the information appropriately.

SB004638

Model Career Resource Center.
Organization: State College Area School District, Pa.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 20-1006

Continuation of this project will demonstrate a realistic process where all students will have increased use of the information and resources vital to the decision-making points of the career development process.

SB004639

York County Vocational-Technical School Career Resource Center.
Project Director: Sheckart, Theodore
Organization: York County Vocational-Technical School, Pa.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to initiate state sponsorship of model career resource centers to improve, extend, and expand information services. Features of the program include establishment of a local career information collection and dissemination system and dissemination center, utilization of a career resource specialist, and development of activities to introduce students to actual work experiences.

SB004640

Pennscripts - Career Information for Student Use in the Schools of Pennsylvania.
Organization: Pennsylvania Personnel and Guidance Association, Kutztown, Pa.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This continuing project will improve the career information resources available to students through the development of a system for preparing and disseminating current, relevant, and accessible career scripts and selected materials. The project will continue to operate a centrally located system for producing career information pertinent to students from a wide range of abilities and interests for distribution throughout Pennsylvania.

SB004641

Develop Instructional Materials for Distributive Education Project Method of Instruction.
Organization: Pittsburgh Univ., Pa.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project seeks to plan a distributive education program for students in school districts where it cannot presently be offered and construct a model to use in the development of curriculum materials.

Fiscal Year 1972

SB004642

Career Resource Center (Project Continuation).
Organization: Greater Johnstown Area Vocational-Technical School, Pa.

Continuation of this project will enable students to develop career awareness and career and educational decision-making skills; see the relationship of education to job training, career development, career planning, and career decision making; and become more aware of the perceptions of others and how they can modify their behavior to adapt more appropriately to employer expectations.

SB004643

Model Career Resource Centers in Schools for the Systematic Purposeful Use of Career Information Supported by a State Information Preparation Agency.
Organization: North Hills School District, Pittsburgh, Pa.

The purpose of this continuing project is to initiate state sponsorship of model career resource centers to improve, extend, and expand information services. Operation of the centers is aimed at overcoming deficiencies in existing career information resources, coordinating dissemination and utilization of resources, and providing trained vocational counselors to help students use the information appropriately.

SB004644

Model Career Resource Center at Springfield High School for the Systematic, Purposeful Use of Career Information.
Organization: Springfield School District, Pa.

It is the purpose of this project to overcome deficiencies in existing career information resources, coordinate dissemination and utilization of resources, and provide trained vocational counselors to help students use the information appropriately.

SB004645

Model Career Resource Center.
Organization: State College Area School District, Pa.
Contract and/or Control No.: 20-1006

Continuation of this project will demonstrate a realistic process where all students will have increased use of the information and resources vital to the decision-making points of the career development process.

SB004646

York County Vocational-Technical School Career Resource Center.
Project Director: Sheckart, Theodore
Organization: York County Vocational-Technical School, Pa.

The purpose of this project is to initiate state sponsorship of model career resource centers to improve, extend, and expand information services. Features of the program include establishment of a local career information collection and dissemination system and dissemination center, utilization of a career resource specialist, and development of activities to introduce students to actual work experiences.

SB004647

Pennscripts - Career Information for Student Use in the Schools of Pennsylvania.
Organization: Pennsylvania Personnel and Guidance Association, Kutztown, Pa.

This continuing project will improve the career information resources available to students through the development of a system for preparing and disseminating current, relevant, and accessible career scripts and selected materials. The project will continue to operate a centrally located system for producing career information pertinent to students from a wide range of abilities and interests for distribution throughout Pennsylvania.

SB004648

Development of Modular Courses in the Vocational Curriculum.
Organization: Admiral Peary Area Vocational-Technical School, Ebensburg, Pa.

Descriptive information unavailable.

SB004649

Developmental Research - Agriculture.
Organization: Berks County Area District Vocational-Technical School, Reading, Pa.

Descriptive information unavailable.

SB004650

Establishment of Pennsylvania State Vocational Education Curriculum Center.
Organization: Pennsylvania Vocational Education Curriculum Center, Millersville.

The purpose of this project is to maintain and extend the Vocational Education Information Network. Objectives include (1) storing curriculum materials for efficient retrieval; (2) disseminating materials to vocational, adult, and career educators; (3) planning and conducting a workshop to modify attitudes of local school personnel towards adoption of new instructional programs; and (4) developing evaluation procedures for curriculum materials.

Fiscal Year 1973

SB004651

Development of Modular Courses in Vocational Curriculum.
Organization: Central Columbia School District, Bloomsburg, Pa.

Descriptive information unavailable.

SB004652

Education in Agriculture for the Educationally Disadvantaged.
Project Director: Curtis, Samuel M.
Organization: Pennsylvania State Univ., University Park. Dept. of Agricultural Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 74

The purposes of this project are to prepare and evaluate subject matter units specifically prepared for the educationally disadvantaged students, improve teachers' proficiency in teaching the disadvantaged, and assemble vocational guidance material for teacher use. The project will identify disadvantaged youth who could benefit from instruction in agricultural education occupation competency. A summer institute will be held for twenty teachers.

SB004653

Open Space Concept in Business Education.
Organization: Pennsylvania Ridge School District, Pa.

Descriptive information unavailable.

SB004654

Cooperative Distributive Education for Disadvantaged Youth.
Organization: Harrisburg School District, Pa.

Descriptive information unavailable.

SB004655

Vocational Education Curriculum Center for Pennsylvania.
Project Director: Keyes, Erma D.
Organization: Millersville State Coll., Pa.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 76

The purpose of this project is to maintain and extend the Vocational Education Information Network. Objectives include (1) storing curriculum materials for efficient retrieval; (2) disseminating materials to vocational, adult, and career educators; (3) planning and conducting a workshop to modify attitudes of local school personnel towards adoption of new instructional programs; and (4) developing evaluation procedures for curriculum materials.

SB004656

An In-Service Pre-Service Career Education Strategy.
Organization: Shippensburg State Coll., Pa.
Descriptive information unavailable.

SB004657

Supervised Independent Study Program.
Organization: Bucks County Intermediate Unit 22, Doylestown, Pa.
Descriptive information unavailable.

Fiscal Year 1974

SB004658

Exemplary Career Resource Center, Grades 6-9.
Project Director: Lewis, James P.
Organization: Greater Latrobe School District, Pa.
Contract and/or Control No.: 20-4001

Synthesis of the activities of seventeen Career Resource Center (CRC) projects in the state during FY 1973-74 is the main purpose of this project. CRC's designed to provide students, parents, and faculty with career information that is current, accurate, and readily understood will be studied. Project staff will assist development of CRC's by collecting and disseminating relevant career information, providing assistance to center users, helping students, faculty, and parents in meeting their career information needs, and fostering a better understanding of the relationship between education and work. Staff will produce a final report containing conclusions, recommendations, and a list of recommended hardware and software materials.

SB004659

Exemplary Career Resource Center, Grades 7-9.
Project Director: Lewis, James P.
Organization: East Stroudsburg Area School District, Pa.
Contract and/or Control No.: 20-4002

Synthesis of the activities of seventeen Career Resource Center (CRC) projects in the state during FY 1973-74 is the main purpose of this project. CRC's designed to provide students, parents, and faculty with career information that is current, accurate, and readily understood will be studied. Project staff will assist development of CRC's by collecting and disseminating relevant career information, providing assistance to center users, helping students, faculty, and parents in meeting their career information needs, and fostering a better understanding of the relationship between education and work. Staff will produce a final report containing conclusions, recommendations, and a list of recommended hardware and software materials.

SB004660

Exemplary Career Resource Center, Grades 7-8.
Project Director: Lewis, James P.
Organization: East Penn School District, Pa.
Contract and/or Control No.: 20-4003

Synthesis of the activities of seventeen Career Resource Center (CRC) projects in the state during FY 1973-74 is the main purpose of this project. CRC's designed to provide students, parents, and faculty with career information that is current, accurate, and readily understood will be studied. Project staff will assist development of CRC's by collecting and disseminating relevant career information, providing assistance to center users, helping students, faculty, and parents in meeting their career information needs, and fostering a better understanding of the relationship between education and work. Staff will produce a final report containing conclusions, recommendations, and a list of recommended hardware and software materials.

SB004661

Exemplary Career Resource Center, Grades 6-9.
Project Director: Lewis, James P.
Organization: Farrell Area School District, Pa.
Contract and/or Control No.: 20-4004

Synthesis of the activities of seventeen Career Resource Center (CRC) projects in the state during FY 1973-74 is the main purpose of this project. CRC's designed to provide students, parents, and faculty with career information that is current, accurate, and readily understood will be studied. Project staff will assist development of CRC's by collecting and disseminating relevant career information, providing assistance to center users, helping students, faculty, and parents in meeting their career information needs, and fostering a better understanding of the relationship between education and work. Staff will produce a final report containing conclusions, recommendations, and a list of recommended hardware and software materials.

SB004662

Exemplary Career Resource Center, Grades 7-9.
Project Director: Lewis, James P.
Organization: Connellsville Area School District, Pa.
Contract and/or Control No.: 20-4005

Synthesis of the activities of seventeen Career Resource Center (CRC) projects in the state during FY 1973-74 is the main purpose of this project. CRC's designed to provide students, parents, and faculty with career information that is current, accurate, and readily understood will be studied. Project staff will assist development of CRC's by collecting and disseminating relevant career information, providing assistance to center users, helping students, faculty, and parents in meeting their career information needs, and fostering a better understanding of the relationship between education and work. Staff will produce a final report containing conclusions, recommendations, and a list of recommended hardware and software materials.

SB004663

Exemplary Career Resource Center.
Project Director: Lewis, James P.
Organization: Erie City School District, Pa.
Contract and/or Control No.: 20-4006

Synthesis of the activities of seventeen Career Resource Center (CRC) projects in the state during FY 1973-74 is the main purpose of this project. CRC's designed to provide students, parents, and faculty with career information that is current, accurate, and readily understood will be studied. Project staff will assist development of CRC's by collecting and disseminating relevant career information, providing assistance to center users, helping students, faculty, and parents in meeting their career information needs, and fostering a better understanding of the relationship between education and work. Staff will produce a final report containing conclusions, recommendations, and a list of recommended hardware and software materials.

SB004664

Exemplary Career Resource Center, Grades 6-8.
Project Director: Lewis, James P.
Organization: Tuscarora School District, Pa.
Contract and/or Control No.: 20-4007

Synthesis of the activities of seventeen Career Resource Center (CRC) projects in the state during FY 1973-74 is the main purpose of this project. CRC's designed to provide students, parents, and faculty with career information that is current, accurate, and readily understood will be studied. Project staff will assist development of CRC's by collecting and disseminating relevant career information, providing assistance to center users, helping students, faculty, and parents in meeting their career information needs, and fostering a better understanding of the relationship between education and work. Staff will produce a final report containing conclusions, recommendations, and a list of recommended hardware and software materials.

SB004665

Career Resource Center.
Project Director: Lewis, James P.
Organization: Towanda Area School District, Pa.
Contract and/or Control No.: 20-4008

Synthesis of the activities of seventeen Career Resource Center (CRC) projects in the state during FY 1973-74 is the main purpose of this project. CRC's designed to provide students, parents, and faculty with career information that is current, accurate, and readily understood will be studied. Project staff will assist development of CRC's by collecting and disseminating relevant career information, providing assistance to center users, helping students, faculty, and parents in meeting their career information needs, and fostering a better understanding of the relationship between education and

work. Staff will produce a final report containing conclusions, recommendations, and a list of recommended hardware and software materials.

SB004666

Career Resource Center, Grades 9-12.
Project Director: Lewis, James P.
Organization: Montoursville Area School District, Pa.
Contract and/or Control No.: 20-4009

Synthesis of the activities of seventeen Career Resource Center (CRC) projects in the state during FY 1973-74 is the main purpose of this project. CRC's designed to provide students, parents, and faculty with career information that is current, accurate, and readily understood will be studied. Project staff will assist development of CRC's by collecting and disseminating relevant career information, providing assistance to center users, helping students, faculty, and parents in meeting their career information needs, and fostering a better understanding of the relationship between education and work. Staff will produce a final report containing conclusions, recommendations, and a list of recommended hardware and software materials.

SB004667

Career Resource Center, Grades 5-8.
Project Director: Lewis, James P.
Organization: Tunkhannock Area School District, Pa.
Contract and/or Control No.: 20-4010

Synthesis of the activities of seventeen Career Resource Center (CRC) projects in the state during FY 1973-74 is the main purpose of this project. CRC's designed to provide students, parents, and faculty with career information that is current, accurate, and readily understood will be studied. Project staff will assist development of CRC's by collecting and disseminating relevant career information, providing assistance to center users, helping students, faculty, and parents in meeting their career information needs, and fostering a better understanding of the relationship between education and work. Staff will produce a final report containing conclusions, recommendations, and a list of recommended hardware and software materials.

SB004668

Exemplary Career Resource Center.
Project Director: Lewis, James P.
Organization: Cheltenham Township School District, Elkins Park, Pa.
Contract and/or Control No.: 20-4011

Synthesis of the activities of seventeen Career Resource Center (CRC) projects in the state during FY 1973-74 is the main purpose of this project. CRC's designed to provide students, parents, and faculty with career information that is current, accurate, and readily understood will be studied. Project staff will assist development of CRC's by collecting and disseminating relevant career information, providing assistance to center users, helping students, faculty, and parents in meeting their career information needs, and fostering a better understanding of the relationship between education and work. Staff will produce a final report containing conclusions, recommendations, and a list of recommended hardware and software materials.

SB004669

Exemplary Career Resource Center.
Project Director: Lewis, James P.
Organization: Carlisle Area School District, Pa.
Contract and/or Control No.: 20-4012

Synthesis of the activities of seventeen Career Resource Center (CRC) projects in the state during FY 1973-74 is the main purpose of this project. CRC's designed to provide students, parents, and faculty with career information that is current, accurate, and readily understood will be studied. Project staff will assist development of CRC's by collecting and disseminating relevant career information, providing assistance to center users, helping students, faculty, and parents in meeting their career information needs, and fostering a better understanding of the relationship between education and work. Staff will produce a final report containing conclusions, recommendations, and a list of recommended hardware and software materials.

SB004670

Exemplary Career Resource Center, Grades 6-9.
Project Director: Lewis, James P.
Organization: Penns Valley Area School District, Pa.
Contract and/or Control No.: 20-4013

Synthesis of the activities of seventeen Career Resource Center (CRC) projects in the state during FY 1973-74 is the main purpose of this project. CRC's designed to provide students, parents, and faculty with career information that is current, accurate, and readily understood will be studied. Project staff will assist development of CRC's by collecting and disseminating relevant career information, providing assistance to center users, helping students, faculty, and parents in meeting their career information needs, and fostering a better understanding of the relationship between education and work. Staff will produce a final report containing conclusions, recommendations, and a list of recommended hardware and software materials.

SB004671

Vocational Facilities Microfile System: Design and Implementation.
Organization: Millersville State Coll., Pa.

Descriptive information unavailable.

SB004672

Exemplary Career Resource Center, Grades 6-9.
Project Director: Lewis, James P.
Organization: Wyoming Valley West School District, Kingston, Pa.
Contract and/or Control No.: 20-4015

Synthesis of the activities of seventeen Career Resource Center (CRC) projects in the state during FY 1973-74 is the main purpose of this project. CRC's designed to provide students, parents, and faculty with career information that is current, accurate, and readily understood will be studied. Project staff will assist development of CRC's by collecting and disseminating relevant career information, providing assistance to center users, helping students, faculty, and parents in meeting their career information needs, and fostering a better understanding of the relationship between education and work. Staff will produce a final report containing conclusions, recommendations, and a list of recommended hardware and software materials.

SB004673

Career Resource Center.
Project Director: Lewis, James P.
Organization: Ligonier Valley School District, Pa.
Contract and/or Control No.: 20-4016

Synthesis of the activities of seventeen Career Resource Center (CRC) projects in the state during FY 1973-74 is the main purpose of this project. CRC's designed to provide students, parents, and faculty with career information that is current, accurate, and readily understood will be studied. Project staff will assist development of CRC's by collecting and disseminating relevant career information, providing assistance to center users, helping students, faculty, and parents in meeting their career information needs, and fostering a better understanding of the relationship between education and work. Staff will produce a final report containing conclusions, recommendations, and a list of recommended hardware and software materials.

SB004674

Exemplary Career Resource Center.
Project Director: Lewis, James P.
Organization: Ephrata Area School District, Pa.
Contract and/or Control No.: 20-4017

Synthesis of the activities of seventeen Career Resource Center (CRC) projects in the state during FY 1973-74 is the main purpose of this project. CRC's designed to provide students, parents, and faculty with career information that is current, accurate, and readily understood will be studied. Project staff will assist development of CRC's by collecting and disseminating relevant career information, providing assistance to center users, helping students, faculty, and parents in meeting their career information needs, and fostering a better understanding of the relationship between education and work. Staff will produce a final report containing conclusions, recommendations, and a list of recommended hardware and software materials.

SB004675

Exemplary Career Resource Center, Grades 6-9.
Project Director: Lewis, James P.
Organization: Hopewell Area School District, Pa.
Contract and/or Control No.: 20-4018

Synthesis of the activities of seventeen Career Resource Center (CRC) projects in the state during FY 1973-74 is the main purpose of this project. CRC's designed to provide students, parents, and faculty with career information that is current, accurate, and readily understood will be studied. Project staff will assist development of CRC's by collecting and disseminating relevant career information, providing assistance to center users, helping students, faculty, and parents in meeting their career information needs, and fostering a better understanding of the relationship between education and work. Staff will produce a final report containing conclusions, recommendations, and a list of recommended hardware and software materials.

Fiscal Year 1975

SB004676 VTP-1562

An In-Service, Pre-Service Vocational Development Strategy Involving a State College, a Local School District, a State Department of Education, an Area Technical School, and Other Appropriate Agencies.
Project Director: Ciavarella, Michael A.
Organization: Shippensburg State Coll., Pa.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of this project is to develop and conduct preservice and inservice workshops which will orient teachers to the concepts of vocational development and refine the curricular materials and activities developed in the project's first year. Career education will be implemented through a cooperative arrangement as a result of the workshops.

SB004677 VTP-1547

School-Based Job Placement Service Model: Phase III, Implementation.
Project Director: Matters, Charles H.
Organization: Reading-Muhlenberg Area Vocational-Technical School, Pa.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to provide placement and follow-up services for all youth commensurate with their abilities and interests, provide preparation activities which will enable them to obtain and retain employment, and establish contacts which will facilitate their successful entry into the labor market. The success of a school-based system centers around five primary components that will determine the effectiveness of the system.

SB004678

Product Installation and Evaluation.
Project Director: Blake, Joseph F.
Organization: Millersville State Coll., Pa.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: 20-4021

This project seeks to (1) develop a program for increasing teacher competence in adopting and implementing new vocational education products and programs; (2) develop procedures for installing new curricula; (3) develop an evaluation instrument; and (4) determine if the teacher preparation program, installation, and the evaluation model, in combination or in part, are cost-effective and necessary elements in vocational curriculum development.

SB004679

School-Based Job Placement Service Model: Phase III.
Organization: Columbia-Montour Area Vocational-Technical School, Bloomsburg, Pa.

Phase III of this project seeks to establish a job placement center for primary use of grades 9-12 in selected schools. Specially trained personnel will staff the center, which will provide activities and services based on the School-Based Job Placement Service design. The center will provide services related to, among other things, the overall educational program, job openings available, cooperation between the Bureau of Employment Security and the center, follow-up of students, and feedback for task improvement.

SB004680

Vocational Education Curriculum Center for Pennsylvania.
Project Director: Keyes, Erma D.
Organization: Millersville State Coll., Pa.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 76

Continuation of this project will help to maintain and extend the Vocational Education Information Network. Objectives include (1) storing curriculum materials for efficient retrieval; (2) disseminating materials to vocational, adult, and career educators; (3) planning and conducting a workshop to modify attitudes of local school personnel towards adoption of new instructional programs; and (4) developing evaluation procedures for curriculum materials.

SB004681 VTP-1553

Job Placement.
Project Director: Kifer, Robert
Organization: Greater Johnstown Area Vocational-Technical School, Pa.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to provide placement and follow-up services for all youth commensurate with their abilities and interests, provide preparation activities which will enable them to obtain and retain employment, and establish communication which will facilitate their successful entry into the labor market. The success of a school-based job placement system centers around five primary components that will determine the effectiveness of the system.

SB004682

Implementation of the Cluster Concept in Two Vocational Areas in an Area Vocational-Technical School Setting.
Project Director: Cohen, Stanley B.
Organization: Philadelphia School District, Pa.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 76

This project seeks to implement a curriculum usable in an area vocational school setting. Its objectives include providing a flexible cluster curriculum enabling students to choose areas of specialization after completing the competencies in all trade areas within a cluster, teaching skills in a variety of occupations through individualized instructional programs, and providing job placement services for seniors.

SB004683

Curriculum Materials Development in Agricultural Education.
Project Director: Stevens, Glenn Z.
Organization: Pennsylvania State Univ., University Park. Dept. of Agricultural Education.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75
Contract and/or Control No.: 20-5005

This project seeks to (1) complete six approved practices publications for agricultural production, (2) develop a safe tractor driving and operation manual and task sheets in agricultural mechanics, (3) identify competencies needed by employees in selected occupations in agricultural supply and agricultural products businesses, and (4) develop courses of study in agricultural supplies and agricultural products to be implemented in pilot schools.

Fiscal Year 1976

SB004684 VTP-2620

Job Placement Center. (Continuation).
Project Director: Samuels, Melvin H.
Organization: Allegheny Intermediate Unit 3, Pittsburgh, Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 19-5805

This project seeks to (1) familiarize secondary students and recent graduates with the specific skills necessary for obtaining employment, (2) provide up-to-date information on available part- and full-time jobs, (3) provide job placement aid, (4) explore the feasibility of establishing satellite centers in outlying districts, and (5) continue the development and implementation of the existing intermediate unit-based Job Placement Center.

SB004685 VTP-2608

Agricultural Products. Continuation.
Project Director: Rohn, Curtis L.
Organization: Solanco School District, Quarryville, Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Sep 77
Contract and/or Control No.: 19-5803

This continuing project will develop and field test courses of study in meat, poultry, dairy products, and produce processing to develop a course outline for Pennsylvania high schools. Procedures will include developing courses of study and lesson plans, field testing the courses with students in grades 10-12, and pretesting and posttesting students and conducting opinion surveys to determine course effectiveness.

SB004686 VTP-2615

Farm Management Analysis Education Institute.
Project Director: Layman, Ralph M.
Organization: Lancaster County Area Vocational-Technical School, Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will establish a farm management analysis education program for Pennsylvania vocational agriculture teachers and for each person enrolled in vocational agriculture adult classes in farm production. The director and staff of a similar Minnesota program will train forty adult course vocational agriculture teachers who will, in turn, train all adult class farm production vocational agriculture teachers.

SB004687 VTP-2622

Pre- and Post-Vocational Evaluation Program. Continuation.
Project Director: Mills, Kenneth W.
Organization: Grove City Area School District, Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 19-5801

Continuation of this project will help provide for the implementation of a personalized, flexible career resource center for approximately 250 court adjudicated delinquent boys. A cooperative effort of Grove City School District and Mercer County Area Vocational-Technical School, the center will be located in the branch vocational and technical school on the George Junior Republic campus.

SB004688

Home Health Management Assistant.
Project Director: Taylor, Ray L.
Organization: Schuylkill County Area Vocational-Technical School, Pottsville, Pa.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 76

This project will develop a curriculum and clinical experiences for training secondary students to provide personal care services to a convalescing patient and the family in the home. Objectives for the students include demonstrating skill in performing simple nursing tasks, demonstrating understanding of the basic principles for home patient care, and assisting in all aspects of home care and management.

SB004689 VTP-2621

Petroleum Production. Continuation.
Project Director: Crumrine, Myron A.
Organization: Bradford Area School District, Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Sep 77
Contract and/or Control No.: 19-6010

This continuing exploration project will develop a training course for entry into the field production phase of the oil industry. Procedures include (1) renting an operating oil lease and equipment to provide work experience and simulate an industrial atmosphere which stresses job attitudes, performances, and expectations; (2) operating a student placement service; (3) establishing a cooperative training station; and (4) providing instruction in pre-employment preparation, job seeking, and job adjustment.

SB004690 VTP-2612

Creating a Career - A Pre-Vo-Tech Program.
Project Director: Dzubak, Cathy Lee
Organization: Hopewell High School, Aliquippa, Pa.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77

This project proposes to provide experiences to increase knowledge of self and the world of work in order to improve career-related decision making in secondary school students. The three-phase project will consist of career exploration, vocational and technical investigation, and employment opportunities. Students will progress through the stages of self-awareness, human awareness, career exploration, vocational and technical exploration, integration of self and career knowledge, and learning skills in applying for employment.

SB004691 VTP-2623

Project Phoenix: Community-Based Action Learning.
Project Director: Napolitan, Richard R.
Organization: North Hills School District, Pittsburgh, Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project involves a pilot study to develop a cooperative school-community career development program for high school students. Students will work with a learning coordinator to build an academic program based upon career interests and objectives. They will gain vocational experience through field site visits to bridge the gap between classroom learning and realistic application of knowledge in the world of work. Goals include increasing basic skills and self-confidence, and gaining in personal and social development.

SB004692 VTP-2610

Bicycle Repair.
Project Director: Zimmerman, C. Robert
Organization: Berks Vocational-Technical School, Leesport, Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of this project is to implement a bicycle repair course of instruction in an existing program of vocational services for the handicapped. Procedures will include orientation of staff to instruction of the handicapped; determination of tools, equipment, and location; selection of students; on-going employment survey of bicycle repair-related occupations; placement in on-the-job employment situations; follow-up studies of placed students; preparation and dissemination of results; and development of a workshop on implementation of bicycle repair courses.

SB004693 VTP-2296

School-Based Job Placement Service Model: Phase IV (Continuation).
Project Director: Eckrote, Robert E.
Organization: Columbia-Montour Area Vocational-Technical School, Bloomsburg, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project aims to provide for communication among school personnel, employers, state and local employment services, and community agencies to obtain occupational information for student job placement. Objectives include placement and follow-up activities, preparation activities, and establishment of communication lines. Among procedures to be instituted and followed at the already-established placement centers are provision of information on job openings, cooperation with the Bureau of Employment Security, matching of students with opportunities, follow-up, and feedback of information.

SB004694 VTP-2387

School-Based Job Placement Service Model: Phase III, Implementation.
Project Director: Matters, Charles H.
Organization: Reading-Muhlenberg Area Vocational-Technical School, Reading, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

Phase III of this project seeks to establish a job placement center for primary use of grades 9-12 in selected schools. Specially trained personnel will staff the center, which will provide activities and services based on the School-Based Job Placement Service design. The center will provide services related to, among other things, the overall educational program, job openings available, cooperation between the Bureau of Employment Security and the center, follow-up of students, and feedback for task improvement.

SB004695 VTP-2291

Implementation of the Cluster Concept into an AVTS Setting.
Project Director: Cohen, Stanley B.
Organization: Philadelphia School District, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project aims to supplement the existing program in Philadelphia schools–Comprehensive Career Education Model K-14. Objectives include providing skill development in the areas of metals, graphic communications, and clerical tasks, providing flexibility in curriculum, individualizing instructional programs, and furnishing job placement services for senior cluster students. Each component of the project will use resources available in the vicinity of the metropolitan area that share related objectives.

SB004696 VTP-2292

Job Placement.
Project Director: Kifer, Robert H.
Organization: Greater Johnstown Area Vocational Technical School, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

Placement of graduates into jobs in fields for which they have been trained is the main objective of this project. Other objectives include follow-up services, preparatory activities prior to school exiting, and communication with the Bureau of Employment Security. Procedures will include contacting local employers, surveying of business and industry outside the immediate area, and gathering of feedback reports.

SB004697 VTP-2301

Vocational Education/Special Education Curriculum Integration Workshop for EMR Instructors.
Project Director: Zimmerman, C. Robert
Organization: Berks Vocational-Technical School, Leesport, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The goal of this project is to provide twenty special education instructors with an awareness of what is being taught within the five projects for the handicapped at Berks Vocational-Technical School as well as information and curricula for use in their own schools. During the two-week workshop, instructors will spend the first week observing in the five areas at the school, and the second week in preparing curricula and working on curriculum development.

SB004698 VTP-2300

Vocational Education Curriculum Center for Pennsylvania (VECC).
Project Director: Keyes, Erma D.
Organization: Millersville State Coll., Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

Funding provides for continued operation of the Vocational Education Curriculum Center. Activities will be conducted as a specific function of the Pennsylvania Vocational Education Information Network. Curriculum materials for vocational, adult, and career education will be identified, collected, stored, and disseminated. Staff will cooperate with state personnel to assure consistency with policies and procedures for management, development, and implementation of curriculum.

SB004699 VTP-2144

CSIU Career Education Institute (Continuation).
Project Director: Pepperman, Carl W.
Organization: Central Susquehanna Intermediate Unit 16, Lewisburg, Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-3019

The aim of this project is to fund the continuation of the Career Education Institute (CEI). CEI staff will plan and execute a three-week workshop for twenty-four teachers, guidance, and library personnel consisting mainly of inservice and classroom instruction on implementation of innovations, and will provide support for attendees during the workshop period. A second, three-day workshop will train local district personnel in development of curriculum units, career media, and hands-on activities.

SB004700

An In-Service, Preservice Vocational Development Strategy.
Project Director: Ciavarella, Michael A.
Organization: Shippensburg State Coll., Pa.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project intends to develop an in-service, pre-service vocational development strategy through an interaction approach involving a state college, a local school district, a department of education, an area technical school, and other agencies. Procedures include planning and implementing interaction activities among the participants in curriculum development, education strategies, and vocational development strategies.

Fiscal Year 1977

SB004701 VTP-2879

Pilot Metric Program.
Project Director: Downs, William C.
Organization: Central Westmoreland Area Vocational-Technical School, New Stanton, Pa.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 20-6817

This project seeks to prepare instructors to teach the metric system and help their students realize its pertinence to their chosen occupations. Procedures will include developing instructional materials, conducting a two-day inservice workshop on the metric system and specific metric devices in various trades, and disseminating project results.

SB004702 VTP-2811

Vocational Exploration: A Development Approach for Junior High School.
Project Director: Werkheiser, Linford A.
Organization: Dallas School District, Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 20-6811

This project seeks to plan, implement, and evaluate the final results of a three-phase model for a junior high school career exploration and planning program. Procedures will include training selected junior high staff members as career exploration leaders, informing and involving parents and the community in the program, ongoing evaluation, and dissemination of information and results through closed circuit television.

SB004703 VTP-2875

Facilitating Metric Instruction to Teacher and Student Through the Use of Developed Instructional Packages.
Project Director: Nagle, Robert A.
Organization: Lehigh County Area Vocational Technical School, Schnecksville, Pa.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 20-7001

Through the use of developed instructional packages, this project seeks to provide the teaching staff and the students of Lehigh County Area Vocational-Technical School with a working knowledge of the metric system as it applies to their individual laboratory and shop.

SB004704 VTP-2808

A Career Approach to Natural Resource Management in Wildlife and Recreation (Continuation).
Project Director: Barrett, Leverne A.
Organization: Conrad Weiser Area School District, Robesonia, Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 19-5807

This project in its second year seeks to develop and implement a two-year natural resource program to prepare persons for positions in wildlife and recreation management. Hands-on instruction will be offered for the following job titles: fish hatchery worker, fish farmer, game farm worker, game farmer, gamekeeper, wildlife conservation aide, wildlife conservation technician, park caretaker, park worker, recreation farm manager, campground caretaker, groundskeeper and landscape maintenance worker.

SB004705 VTP-2881

Teacher Attitude Change.
Project Director: Silkman, William R.
Organization: Erie County Area Vocational-Technical School, Pa.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 20-6813

This project seeks to positively change the attitudes of academically oriented teaching and counseling staff and their vocational and technical students toward vocational and technical students and careers. Procedures will include bias recognition instruction for teachers and staff, a one-day hands-on, shop-oriented workshop and a follow-up session to determine the effectiveness of the program.

SB004706 VTP-2880

Schuylkill Occupational Career Education Program.
Project Director: Taylor, Ray L.
Organization: Schuylkill Intermediate Unit 29, Pottsville, Pa.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 20-6814

This project seeks to determine the most effective way to offer a legitimate general industrial arts, business, science, and useful home economics program in junior high which includes a systematic presentation of occupational information, prevocational development, and career exploration and guidance. Procedures will include identifying prevocational skills important for program entry, developing at least five instructional units per teacher, and developing career units for each vocational program selected.

SB004707 VTP-2872

Curriculum Pilot in Agriculture Supplies.
Project Director: Reichard, Gerald W.
Organization: Waynesboro Area School District, Pa.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 20-6815

Using eleventh and twelfth grade students, this project seeks to conduct a pilot program to test and validate the curriculum in agricultural supplies developed in 1975-76. This project will result in a complete agricultural supplies curriculum guide which will be available for state-wide distribution.

SB004708 VTP-2871

Area Vocational-Technical School Auto/Power Mechanics–Prevocational Program.
Project Director: Zimmerman, C. Robert
Organization: Berks Area Vocational-Technical School, Leesport, Pa.
Funding Period: Start Date 1 Jul 76; End Date 30 Sep 77
Contract and/or Control No.: 20-6816

This project aims to develop and operate a program of prevocational education in power mechanics centering on auto mechanics. Objectives are to provide a prevocational exploratory program which will assist the student in making a vocational education choice and provide a prevocational curriculum that will develop in the students basic skill competencies common to a cluster of occupations.

RHODE ISLAND

Part C

Fiscal Year 1971

SB004709 **VTP-264**

Vocational Guidance--Pawtucket.
Project Director: Varieur, Francis J.
Organization: Pawtucket City School Dept., R.I.
Funding Period: Start Date 1 Aug 70; End Date 30 Jun 71

To facilitate the transition from the Pawtucket vocational school to the city's senior high schools and the Davies vocational school, this project will include a review of the present prevocational and vocational programs; an appraisal of the guidance program, curriculum, personnel, and equipment of the junior high school; and a plan for transition and integration into the Davies vocational school.

SB004710

Management Information System.
Project Director: Galamaga, Don
Organization: Rhode Island State Dept. of Education, Providence. Div. of Vocational-Technical Education.
Funding Period: Start Date 1 Mar 72; End Date 31 Jul 72
Contract and/or Control No.: C7201

Phase I of a two-phase project involves the analysis and design of a pilot module for a Management Information System. The work scope includes identification of data element inputs; structure of program accounting and budgeting systems; definition of system outputs; and the system's design, including hardware and processing requirements.

Fiscal Year 1972

SB004711

Management Information System.
Project Director: Galamaga, Don
Organization: Rhode Island State Dept. of Education, Providence. Div. of Vocational-Technical Education.
Funding Period: Start Date 1 Mar 72; End Date 31 Jul 72
Contract and/or Control No.: C7201

Phase II of this two-phase project encompasses detailed design, computer programming, and systems implementation. The detailed systems design will include preparation of block diagrams, processing procedures, and related manual data handling procedures, as well as the cataloguing of systems documentation. Implementation will include conducting seminars for data providers, data handlers, and information recipients, as well as the planning, scheduling, and completion of the installation.

SB004712

Project All About.
Project Director: Mayor, Dorothy
Organization: Warwick School Dept., R.I.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73

This project will use a multidisciplinary approach to teaching foods and nutrition in middle school. Students will learn how and where foods are produced and grown, how they should be prepared and served, and how they are utilized by the body. Disciplines which will be incorporated into the program will include home economics, language arts, mathematics, social studies, science, health, and family life.

Fiscal Year 1973

SB004713

Career Education Management Information System.
Project Director: Galamaga, Don
Organization: Providence Public Schools, R.I.

Descriptive information unavailable.

Fiscal Year 1974

SB004714 **VTP-1381**

Vocational Education Management Information System.
Project Director: Galamaga, Donald
Organization: Rhode Island State Dept. of Education, Providence.
Funding Period: Start Date 1 Jul 73; End Date Jun 74

The purposes of this project are to complete the phase-in of all files in the Management Information System (MIS) in all vocational education programs and run the system as scheduled. The vocational MIS will provide information to improve record keeping and facilitate assessment of curricular program effectiveness. Specific objectives of the project include completing management and administrative indoctrination in the use of the system, analyzing accounting methodologies to determine necessary approaches to local vocational program costing, and providing a common costing base for vocational programs as input to the vocational education MIS.

SB004715 **VTP-1291**

Vocational Education Core Group Consultant Services.
Project Director: Beaulieu, Reo
Organization: Rhode Island State Dept. of Education, Providence. Office of Planning and Management.
Funding Period: Start Date 1 Jan 74; End Date 31 Jul 74

The goal of this project is to develop a comprehensive plan aimed at improving and coordinating existing vocational education services in the state. An overview of the current status of vocational education in terms of student needs and occupational demands will be made, and a set of recommended program goals and objectives will be developed.

Fiscal Year 1975

SB004716 **VTP-1519**

Vocational Education Management Information System.
Project Director: Thomas, Paul A.
Organization: Rhode Island State Dept. of Education, Providence.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to conduct seminars throughout the state at the various administrative levels to instruct potential users in the capabilities of the Management Information System and form a data control and advisory group to insure accuracy of incoming data. Maintenance of existing programs will be provided, and additional report-generating and data analysis programs will be developed.

SB004717 **VTP-1504**

ICE: Investigating Career Education.

Project Director: Cornellier, Sister Therese
Organization: Diocese of Providence, R.I.
Funding Period: Start 1 Jul 74; End Date 30 Jun 75

The goals of this project are to orient teachers in grades 1-6 to an awareness of career education curriculum and assist them in developing and initiating programs. Inservice will be provided for teachers, and a resource center for career education will be set up. An advisory council will design the career education model most appropriate for the nonpublic schools.

Fiscal Year 1976

SB004718

Woonsocket Vocational Technical Skill Center Planning Grant.
Project Director: Boyle, Clifton J.
Organization: Woonsocket Education Dept., R.I.
Contract and/or Control No.: C-7604

This project will use the skill center concept, a delivery system that allows students to participate in occupational programs at the area vocational and technical facility while attending academic support courses at their home high school. It is anticipated that this system will increase community enrollment and reduce per pupil tuition costs.

SB004719 VTP-2147

ICE: Investigating Career Education.
Project Director: Cornellier, Sister Therese
Organization: Diocese of Providence, R.I.
Funding Period: Start Date 30 Jun 75; End Date 30 Jun 76

This project will develop and pilot career education programs for non-college bound students in grades 7-12 in Catholic schools in the Providence Diocese. The objectives are to (1) train teachers in career education, (2) continue development of a Career Resources Center, (3) aid student awareness of available resources, (4) redirect thinking of students and parents in career and consumer education, and (5) examine the feasibility of a work-study program.

SB004720

Family Day Care Homes - For Child Development and Parent Development.
Project Director: Goldsmith, Marion
Organization: Rhode Island State Dept. of Social and Rehabilitative Services, Providence.

The objective of this project is to conduct inservice training for approximately 200 mothers who provide child day care services. A series of ten weekly TV programs will be shown to groups of twenty. Following the viewing, trained leaders will conduct group discussions which will help increase the participants' knowledge of day care procedures and facilitate changes in their attitudes and performances.

Fiscal Year 1977 - No Projects Reported

Part D

Fiscal Year 1970

SB004721

Agriculture-Marine Studies.
Organization: North Kingstown School Dept., R.I.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The purpose of this project is to develop a program in Ecology and Commercial Marine Studies for secondary school systems. A curriculum for eleventh and twelfth grade students will use resource personnel, laboratory experience, and field trips. Part-time work in marine biology labs, water pollution control, and commercial fisheries will be available to students with full-time employment possible upon completion of the program.

SB004722

ENVIRED (Environmental Education).
Project Director: Leyden, John
Organization: Scituate School Dept., R.I.

This project is designed to offer students in grades 8-12 a general knowledge of environmental education. Specific objectives include having students gain an understanding of animal production and management and plant growth and production, an appreciation of plants in everyday life, knowledge of insect control, and an understanding of the importance of environmental conservation in relationship to man.

SB004723

Planning and Development of Computer-Assisted Remedial Instruction Program.
Organization: Rhode Island Junior Coll., Providence.

The purpose of this project is to develop and establish computer-assisted instruction programs in mathematics and English. A pretest will delineate each student's needs, and a posttest will determine the effectiveness of the program. Once established, specific units of remedial learning will be available to area secondary vocational and technical schools.

SB004724

Project to Develop a Realization of the Talents Needed for Responsible Adult Living (Project DART).
Organization: North Kingstown School Dept., R.I.
Funding Period: Start Date 1 Jun 70; End Date 31 Dec 70

Objectives of this project are to (1) develop discussion guides through which students can obtain answers to personal, social, and family concerns; (2) make the home economics faculty more aware of the felt needs of youth; (3) help students explore vocational opportunities; and (4) provide cross-disciplinary educational opportunities as students explore the many fields of work and the contribution of school subjects.

SB004725

Education-Vocational-Industrial Data Enterprise of the Newport County Educational Systems (EVIDENCES) - Phase I.
Organization: Salve Regina College, Newport, R.I.
Funding Period: Start Date 1 Jun 70; End Date 31 Aug 70

This project is Phase I of a project to develop a regional vocational education computer installation center to handle information gathered from regional school systems related to vocational potential of school-age youth and information gathered from industries and other employers in the region related to employment needs and opportunities in the region. Special efforts to locate disadvantaged and handicapped youths most in need of vocational education services will be part of the phase.

SB004726

Environmental Pollution Control Technician Training Program, Phase I.
Project Director: Abraham, Joseph W.
Organization: Coventry Vocational-Technical Facility, R.I.
Funding Period: Start Date 14 Jul 70; End Date 31 Aug 70

Phase I of this project is primarily a feasibility study designed to explore, investigate, and determine the immediate and future need for specifically trained laboratory technicians by industrial, academic, and governmental laboratories. Objectives include evaluating the attitudes of colleges and industries as to the short-term and long-range benefits of an environmental pollution control program at the secondary level.

SB004727

Pre-Vocational Program.
Project Director: Ball, John H.
Organization: Coventry Middle School, R.I.
Funding Period: Start Date 1 Sep 70; End Date 30 Jun 71

Objectives of this project include establishing prevocational curricula in six subject areas for ninth grade students and coordinating the program with the existing industrial arts program at the middle school and high school; presenting information on a broad range of occupations available and requisites for careers in those areas; and identifying potential dropouts and giving them additional assistance

in counseling, job placement, etc.

Fiscal Year 1971

SB004728

Environmental Pollution Control Technician Training Program, Phase II.
Project Director: Abraham, Joseph W.
Organization: Coventry Vocational-Technical Facility, R.I.
Funding Period: Start Date 1 Jul 71; End Date 23 Sep 71

The purpose of Phase II of this project is to verify the feasibility of an Environmental Pollution Control Technician program at the secondary level. Objectives include developing those objectives considered in Phase I by extending the geographical scope of the investigation and examining current programs in pollution control technology at the secondary and junior college levels.

SB004729

Pre-Vocational Program.
Project Director: Ball, John H.
Organization: Coventry Middle School, R.I.
Funding Period: Start Date 1 Sep 70; End Date 30 Jun 71

Objectives of this project include establishing prevocational curricula in six subject areas for ninth grade students and coordinating the program with the existing industrial arts program at the middle school and high school; presenting information on a broad range of occupations available and requisites for careers in those areas; and identifying potential dropouts and giving them additional assistance in counseling, job placement, etc.

SB004730

EPIS (Exemplary Program for Independent Study).
Project Director: Devaney, Robert
Organization: Scituate School Dept., R.I.
Funding Period: Start Date 20 Mar 71; End Date 30 Jun 71

The purpose of this project is to design a system for teaching Gregg shorthand to high school students using a programmed text and materials developed to coincide with the text. A second offering using the same design will be a course in machine transcription. The program will be conducted on an experimental basis for a heterogeneous group of students and will be geared to self-pacing and individualized instruction.

SB004731

Aquatic Ecology and Commercial Marine Studies.
Project Director: Sandham, Thomas P.
Organization: North Kingstown School Dept., R.I.
Funding Period: Start Date 1 Jul 71; End Date 1 Sep 71

The purpose of Phase II of this project to develop an ecology and marine studies course is to prepare resources, personnel, space, and equipment for immediate implementation of this exemplary program. Maritime employers, workers, and technicians will be contacted for their advice and cooperation. Potential enrollees will also be contacted to assure continued interest.

SB004732

Pre-Vocational Program.
Project Director: Ball, John H.
Organization: Coventry Middle School, R.I.
Funding Period: Start Date 1 Sep 70; End Date 30 Jun 71

Objectives of this project include establishing prevocational curricula in six subject areas for ninth grade students and coordinating the program with the existing industrial arts program at the middle school and high school; presenting information on a broad range of occupations available and requisites for careers in those areas; and identifying potential dropouts and giving them additional assistance in counseling, job placement, etc.

SB004733

ENVIRED (Environmental Education).
Project Director: Leyden, John
Organization: Scituate School Dept., R.I.
Funding Period: Start Date 1 Sep 71; End Date 30 Jun 72

This project is designed to offer students in grades 8-12 a general knowledge of environmental education. Specific objectives include having students gain an understanding of animal production and management and plant growth and production, an appreciation of plants in everyday life, knowledge of insect control, and an understanding of the importance of environmental conservation in relationship to man.

SB004734

Operation Prevent Dropouts, Phase I.
Project Director: Cartier, Gerard A.
Organization: Woonsocket Education Dept., R.I.
Funding Period: Start Date 1 Mar 72; End Date 30 Jun 72
Contract and/or Control No.: D7205

The purpose of this project is to develop a curriculum primarily for potential dropouts, disadvantaged students, and minority groups at the 7-9 grade levels which will help them acquire a better understanding of the world of work and the relationship between occupational activities and academic areas. The curriculum will also provide for acquisition of some minimal basic skills in a variety of occupations through actual job operations geared to the student's level.

SB004735

Production Machine Operator.
Project Director: Custer, John
Organization: Rhode Island State Dept. of Education, Providence. Div. of Vocational-Technical Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this Production Machine Operator project is to train thirty maximum security inmates in the metal trades industry. Such training will be conducted with the objective of changing behavior and attitudes as well as providing skills instruction.

SB004736

Career Education Pilot Project.
Project Director: Martin, Edward R.
Organization: East Providence School Dept., R.I.
Funding Period: Start Date 1 Apr 72; End Date 30 Jun 73

The purpose of this project is to test the hypothesis that an individualized, learner-centered, career-oriented program for students at all levels is superior to the traditional group-oriented, subject matter-centered approach. Approximately 300 students at each level (elementary, junior high, senior high) will form the experimental group, with an equal number in the control group. Students in the experimental group should acquire more positive attitudes, better problem-solving techniques, more career information, and better decision-making skills.

SB004737

Secretarial Science Cluster.
Project Director: Van Leesten, Michael S.
Organization: Opportunities Industrialization Center, Inc., Providence, R.I.

The purpose of this project is to train unemployed or underemployed disadvantaged persons and members of minority groups for entry-level jobs in typing, bookkeeping, and stenography. Training will be conducted over a twelve-month period, four evenings a week, three hours an evening.

Fiscal Year 1972

SB004738

Secretarial Science Cluster.
Project Director: Van Leesten, Michael S.
Organization: Opportunities Industrialization Center, Inc., Providence, R.I.

The purpose of this project is to train unemployed or underemployed disadvantaged persons and members of minority groups for entry-level jobs in typing, bookkeeping, and stenography. Training will be conducted over a twelve-month period, four evenings a week, three hours an evening.

SB004739

WINS (Work Involving Narragansett Students).
Project Director: Pepler, Ronald
Organization: Narragansett Junior High School, R.I.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73

This project will serve about twelve junior high students who have either dropped out of school or are strong potential dropouts. Each student will be evaluated as to current functioning level, and remedial programs will be individually designed to assist students to achieve both academic and behavioral success in the different areas. Each student will be placed in a part-time job and reimbursed for the time spent on the job.

SB004740

Career Education Pilot Project.
Project Director: Martin, Edward R.
Organization: East Providence School Dept., R.I.
Funding Period: Start Date 1 Apr 72; End Date 30 Jun 73

The purpose of this project is to test the hypothesis that an individualized, learner-centered, career-oriented program for students at all levels is superior to the traditional group-oriented, subject matter-centered approach. Approximately 300 students at each level (elementary, junior high, senior high) will form the experimental group, with an equal number in the control group. Students in the experimental group should acquire more positive attitudes, better problem-solving techniques, more career information, and better decision-making skills.

SB004741

Career Awareness Project.
Project Director: Sullivan, James E.
Organization: Cumberland School Dept., R.I.

This project will involve approximately 175 students in grades K-6 in a career-oriented curriculum aimed at developing career awareness, self-understanding, and decision-making skills. All academic skills will be taught using an individualized approach to learning, as well as career-oriented techniques and materials. Upon completion of the school year, students should demonstrate more positive attitudes toward school and the world of work as measured by attendence records and attitudinal testing.

SB004742

Communications and Media.
Project Director: Guglielmi, June
Organization: Scituate School Dept., R.I.
Funding Period: Start Date 1 Oct 72; End Date 31 May 73
Contract and/or Control No.: D-P-01

The purpose of this project is to expose approximately thirty sixth grade students to at least thirty occupations related to the world of work in communications and media. The focus will be on the interrelationships and importance of communications and media and how man makes use of them in earning a living. Participants will be involved in activities which are associated with communications careers such as writers, cameramen, repair technicians, commentators, audio engineers, and public service directors.

SB004743

The World of Work in the Natural Sciences.
Project Director: Cathalina, Mary
Organization: Scituate School Dept., R.I.

This project is an integrated science and social studies program for neurologically impaired third grade students. Students will develop an awareness of career opportunities in community and natural resources through field trips and presentations by guest speakers. They will acquire an appreciation for the interrelatedness of the production of raw materials and manufacturing and people's function in these processes.

SB004744

Vocations in Communications.
Project Director: Rappa, Patricia
Organization: Scituate School Dept., R.I.

Descriptive information unavailable.

SB004745

Using Our Natural Resources in the World of Work.
Project Director: Hawkes, Marie
Organization: Scituate School Dept., R.I.

This project is an integrated science and social studies program for neurologically impaired third grade students. Students will develop an awareness of career opportunities in community and natural resources through field trips and presentations by guest speakers. They will acquire an appreciation for the interrelatedness of the production of raw materials and manufacturing and people's function in these processes.

SB004746

Career Awareness Requires Elementary Students (CARES).
Project Director: Cherau, Christian H.
Organization: North Kingstown School Dept., R.I.

The purpose of this project is to acquaint students with the process of career decision making. Approximately 125 students ages seven through eleven will be involved in career exploration activities which, upon completion, will enable them to describe ten different jobs and the major duties and required abilities of five different occupations from four occupational clusters.

SB004747

Survival '72
Project Director: Silvano, Susan A.
Organization: Cranston School Dept., R.I.

This project is designed to provide a prevocational program for twenty seventh-ninth grade learning disabilities students with specific handicaps. The program will enable these students to become familiar with different occupations and relate this information to studies that stress the abilities needed for the world of work. They will also gain a broader perspective of industry and have a better understanding of the available job market.

SB004748

Developing an Awareness of Career Opportunities.
Project Director: Ruggiero, Carmine N.
Organization: Cranston School Dept., R.I.

The purpose of this project is to provide fifth grade students with an awareness of the dignity of work, stimulate a curiosity for different fields of work, and help develop a positive attitude towards all areas of work. Activities will include field trips, role play, audiovisuals, and guest speakers.

SB004749

Opening Doors to the Future.
Project Director: Blythe, Norma
Organization: Lincoln School Dept., R.I.

This project is designed to function in an open-space, open classroom, nongraded school for children ages five through eight. It is a career awareness project and is designed along the following lines: introduction to the occupation, onsite visits with people in the occupations, and direct involvement in the occupation by the children.

SB004750

Project All About.
Project Director: Mayor, Dorothy
Organization: Warwick School Dept., R.I.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73

This project will use a multidisciplinary approach to teaching foods and nutrition in middle school. Students will learn how and where foods are produced and grown, how they should be prepared and served, and how they are utilized by the body. Disciplines which will be incorporated into the program will include home economics, language arts, mathematics, social studies, science, health, and family life.

Fiscal Year 1973

SB004751

Opening Doors to the Future.
Project Director: Blythe, Norma
Organization: Lincoln School Dept., R.I.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73

This project is designed to function in an open-space, open classroom, nongraded school for children ages five through eight. It is a career awareness project and is designed along the following lines: introduction to the occupation, onsite visits with people in the occupations, and direct involvement in the occupation by the children.

SB004752

Communications and Media.
Project Director: Guglielmi, June
Organization: Scituate School Dept., R.I.
Funding Period: Start Date 1 Oct 72; End Date 31 May 73

The purpose of this project is to expose approximately thirty sixth grade students to at least thirty occupations related to the world of work in communications and media. The focus will be on the interrelationships and importance of communications and media and how people make use of them in earning a living. Participants will be involved in activities which are associated with communications careers such as writers, cameramen, repair technicians, commentators, audio engineers, and public service directors.

SB004753

Career Awareness Requires Elementary Students (CARES).
Project Director: Cherau, Christian H.
Organization: North Kingstown School Dept., R.I.
Funding Period: Start Date 15 Jan 73; End Date 30 Jun 73

The purpose of this project is to acquaint students with the process of career decision making. Approximately 125 students ages seven through eleven will be involved in career exploration activities which, upon completion, will enable them to describe ten different jobs and the major duties and required abilities of five different occupations from four occupational clusters.

SB004754

Developing an Awareness of Career Opportunities.
Project Director: Ruggiero, Carmine N.
Organization: Cranston School Dept., R.I.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73

The purpose of this project is to provide fifth grade students with an awareness of the dignity of work, stimulate a curiosity for different fields of work, and help develop a positive attitude towards all areas of work. Activities will include field trips, role play, audiovisuals, and guest speakers.

SB004755

Project All About.
Project Director: Mayor, Dorothy
Organization: Warwick School Dept., R.I.

This project will use a multidisciplinary approach to teaching foods and nutrition in middle school. Students will learn how and where foods are produced and grown, how they should be prepared and served, and how they are utilized by the body. Disciplines which will be incorporated into the program will include home economics, language arts, mathematics, social studies, science, health, and family life.

SB004756

Survival '72
Project Director: Silvano, Susan A.
Organization: Cranston School Dept., R.I.
Contract and/or Control No.: D-WC-01

This project is designed to provide a prevocational program for twenty seventh-ninth grade learning disabilities students with specific handicaps. The program will enable these students to become familiar with different occupations and relate this information to studies that stress the abilities needed for the world of work. They will also gain a broader perspective of industry and have a better understanding of the available job market.

SB004757

Using Our Natural Resources in the World of Work.
Project Director: Hawkes, Marie
Organization: Scituate School Dept., R.I.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73
Contract and/or Control No.: D-P-04

This project is an integrated science and social studies program for neurologically impaired third grade students. Students will develop an awareness of career opportunities in community and natural resources through field trips and presentations by guest speakers. They will acquire an appreciation for the interrelatedness of the production of raw materials and manufacturing and people's function in these processes.

SB004758

Vocations in Communications.
Project Director: Rappa, Patricia
Organization: Scituate School Dept., R.I.

Descriptive information unavailable.

SB004759

The World of Work in the Natural Sciences.
Project Director: Cathalina, Mary
Organization: Scituate School Dept., R.I.

This project is an integrated science and social studies program for neurologically impaired third grade students. Students will develop an awareness of career opportunities in community and natural resources through field trips and presentations by guest speakers. They will acquire an appreciation for the interrelatedness of the production of raw materials and manufacturing and people's function in these processes.

SB004760

Career Awareness Program.
Project Director: Sullivan, James
Organization: Cumberland School Dept., R.I.

The aim of this project is to develop a career education program. Individualized instruction will be used along with group activities. A career resource center will be established. Teachers will prepare some of their own instructional materials and construct pretests for career awareness. Parents will provide clerical assistance and serve as field trip chaperones.

SB004761

WINS (Work Involving Narragansett Students).
Project Director: Pepler, Ronald
Organization: Narragansett Junior High School, R.I.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73
Contract and/or Control No.: D7302

This project will serve about twelve junior high students who have either dropped out of school or are strong potential dropouts. Each student will be evaluated as to current functioning level, and remedial programs will be individually designed to assist students to achieve both academic and behavioral success in the different areas. Each student will be placed in a part-time job and reimbursed for the time spent on the job.

SB004762

Exemplary Program in Career Education.
Project Director: Wissinger, Kenneth
Organization: Borrillville School Dept., R.I.

Descriptive information unavailable.

SB004763

Career Awareness in a Rural Community.
Project Director: Rennick, Shirley N.
Organization: Exeter-West Greenwich Regional School District, Exeter, R.I.
Funding Period: Start Date 29 Jan 73; End Date 15 Jun 73

The purpose of this program is to provide third grade rural students with an awareness of the different job families and categories. Through activities involving guest speakers, field trips, role playing, interviews, and various audiovisual media, the students will develop an attitude of respect and appreciation for the world of work. Stu-

dents will exercise their understanding of business principles by developing a class store.

SB004764

Research and Consultant Services for Part D Grants.
Project Director: Pezzullo, Thomas R.
Organization: Rhode Island Univ., Kingston. Curriculum Research and Development Center.

This project is a third-party evaluation of Part D mini-grants. A validation instrument will be developed, revised, and field tested with local education agencies. Workshops will be held on completing validation forms.

SB004765

Career Education Program.
Project Director: Mott, Edward
Organization: East Providence School Dept., R.I.

The purpose of this project is to develop a career education program using guest speakers and field trips to integrate career education concepts into the curricula. Parents and outside speakers will be involved with grades K-5. A list of community resource people will be compiled and senior high students will participate in career days. Resource centers will be established which will contain both published materials as well as materials developed inhouse.

Fiscal Year 1974

SB004766

Opening Doors to Awareness.
Organization: North Lincoln Elementary School, R.I.
Contract and/or Control No.: D-7606

This project will integrate career education concepts into grades K-6. Teachers will develop their own curriculum materials and incorporate them through individualized instruction and group interaction. Teachers will devise pre and posttests, and parents will serve as volunteer aides for field trips and as assistants for class projects.

SB004767

Bradley Pre-Vocational Program.
Project Director: Myers, Kevin P.
Organization: Emma Pendleton Bradley Hospital, East Providence, R.I.
Funding Period: Start Date 1 Oct 73; End Date 5 Jul 74

The purpose of this project is to integrate a prevocational program into all curriculum areas at the elementary level to motivate emotionally handicapped children. Twenty-five children will participate in six prevocational workshops: woodworking, ceramics, graphic arts, electronics, photography, and jewelry design. The curriculum will be process or product oriented, depending on the ability of the child. Objectives are to increase each child's reading and math skills by 20 percent as measured by pre and posttests.

SB004768

A Developmental Program for Preparing Students for the World of Work.
Organization: Cranston School Dept., R.I.
Contract and/or Control No.: D-7502

This project will develop a career education resource center. Fifteen teachers in the program will gather published materials as well as develop their own materials for use in classroom instruction and for community public relations activities demonstrating their program. The teachers will prepare pre and posttests for the career education units covered.

SB004769

Career Awareness Partnership.
Organization: Cranston School Dept., R.I.
Contract and/or Control No.: D-7502

The objective of this project is to improve parents' ability to help their children develop a sense of self and self-esteem and improve parents' knowledge of decision-making opportunities in the home. Other objectives are to help parents develop opportunities for fostering greater occupational environment awareness in their children and enlist their help as resource people for the inservice career education program. Staff will develop their own training materials for primary school children.

SB004770

Career Orientation Education.
Organization: Providence School Dept., R.I.
Contract and/or Control No.: D-7501

The purpose of this project is to develop a career education program. Six teachers will develop career education materials and career awareness pretests. Parents will participate as chaperones for field trips, and guest speakers will visit classes.

SB004771

Career Concepts Awareness Program.
Organization: Cumberland School Dept., R.I.
Contract and/or Control No.: D-7507

The aim of the project is to develop a career education program. Individualized instruction will be used along with group activities. A career resource center will be established. Teachers will prepare some of their own instructional materials and construct pretests for career awareness. Parents will provide clerical assistance and serve as field trip chaperones.

SB004772

O.E.O.E. Occupational Exploration, Orientation, and Exposure.
Project Director: Colgan, Richard T.
Organization: Warwick School Dept., R.I.
Funding Period: Start Date 1 Mar 73; End Date 31 Mar 74

The objectives of this project include developing a sequential vocational education program that will guide students in grades 6-8 through a vocational search, presenting information on broad fields of work with emphasis on opportunities in the state and in New England, developing a career information center for students and staff, and providing educational and vocational alternatives.

SB004773

Career Awareness Project II.
Organization: Frenchtown Elementary School, East Greenwich, R.I.
Contract and/or Control No.: D-7509

This project will establish a career education program in grade 6 and develop inhouse career education materials. Individualized instruction will be used along with group interaction. Pre and posttests will be administered. Parents will be involved as field trip escorts.

SB004774

Career Awareness in North Scituate.
Organization: North Scituate Elementary School, R.I.
Contract and/or Control No.: D-7510

The intent of this project is to integrate a career education program within the total curriculum. Teachers will develop materials and design pre and posttests. Parents will be involved in all phases of the career education program.

SB004775

Protective Services Careers.
Project Director: Brooks, Robert G.
Organization: Providence School Dept., R.I.
Funding Period: Start Date 1 Sep 73; End Date 30 Jun 74

This project will develop a program to provide vocational education in four protective service areas to fifteen to twenty juniors or seniors. Ten weeks of career exploration/preparation will be offered in law enforcement, fire protection, natural resource protection, and private protection agencies. The curriculum will be developed by a consultant committee of experts. Methods include lecture/demonstration, individual and group projects, field trips, and guest speakers.

SB004776

Project: Environment.
Project Director: Elias, Juliette E.
Organization: North Smithfield School Dept., R.I.

Funding Period: Start Date 1 Sep 73; End Date 30 Jun 74

The purpose of this project is to develop a career awareness program for grade 4 about the environment. Awareness will be developed through three activity units which will focus on occupational clusters including agribusiness and natural resources, environment, health, and public service. Student involvement and measurement will be achieved by procedures other than teacher-developed tests.

SB004777

What Can You Be?
Project Director: D'Antuono, Anne
Organization: North Smithfield School Dept., R.I.
Funding Period: Start Date 1 Sep 73; End Date 30 Jun 74

The goal of this project is to expose fifth grade students to a spectrum of careers from jobs requiring a college education to those available locally to a school dropout. The program will concentrate on careers in health, child care, food services, and communications. The program will be integrated into the regular curriculum and will include field trips and presentation of materials. Students will be pre and posttested and compared with a control class.

SB004778

Career Education Program.
Organization: East Providence School Dept., R.I.
Contract and/or Control No.: D-7505

The purpose of this project is to develop a career education program using guest speakers and field trips to integrate career education concepts into the curricula. Parents and outside speakers will be involved with grades K-5. A list of community resource people will be compiled. Senior high students will participate in career days. Resource centers will be established which will contain both published materials as well as materials developed inhouse.

Fiscal Year 1975

SB004779 **VTP-1501**

Career Awareness Project II (CAP II).
Project Director: Handel, Linda
Organization: Frenchtown School, East Greenwich, R.I.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

The goal of this project is to enable twenty-five sixth grade students to demonstrate knowledge of the natural world around them, knowledge of the careers listed for this cluster; and knowledge of the relationship of people to their environment. Students will participate in group and individual projects, make onsite visits, and prepare research reports.

SB004780

Career Awareness in North Scituate.
Project Director: Guglielmi, June H.
Organization: North Scituate Elementary School, R.I.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: D-7510

The purpose of this project is to expose approximately 400 students in grades K-6 to careers in eleven of the fifteen U.S.O.E. occupational clusters. Information will be imparted through guest speakers, field trips, audiovisuals, and when possible, hands-on experiences. Learning will be reinforced by simulation activities in the classroom.

SB004781

Focus on the Future: Career Awareness Revitalizes Education.
Project Director: Richardson, Mary E.
Organization: Hope Valley School, Hopkinton, R.I.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: D7595

The purpose of this project is to heighten the career awareness of approximately fifteen students in grades 5-6 with learning or emotional disabilities by introducing them to careers in three occupational clusters: communications and media, consumer and homemaking, and fine arts and humanities. Activities will include field trips, guest speakers, and hands-on experiences.

SB004782 **VTP-1520**

Career Concepts Awareness.
Project Director: Sullivan, James E.
Organization: Cumberland School Dept., R.I.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The aim of this project is to enable students to demonstrate, at the end of the school year, an increase in growth in self awareness, in the skills necessary to carry through the decision-making process, and in their knowledge of careers and the world of work. Students will be selected for the project on the basis of random selection and parental approval. The method to be employed in the classroom will be individualized learner-centered instruction.

SB004783 **VTP-1500**

Industrial Based (Construction/Manufacturing) Career Education.
Project Director: MacManus, John M., Jr.
Organization: Providence School Dept., R.I.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

This career education project in construction/manufacturing is designed for students in grades 5-8. The career awareness and self-development component will be geared to the fifth and sixth graders using an interdisciplinary approach. The exploration component will focus on the construction segment for the seventh graders and on the manufacturing segment for eighth graders.

SB004784 **VTP-1499**

Career Education Program.
Project Director: Ryan, James F.
Organization: East Providence School Dept., R.I.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project intends to enable elementary students to acquire career awareness and knowledge and enable secondary students to acquire the techniques to solve problems, establish self-direction, and demonstrate a knowledge of careers. The procedures will include individualized instruction of basic skills integrated with career-related activities, onsite visits to businesses and industries, and a program of school visitation.

SB004785 **VTP-1515**

A Developmental Program for Preparing All Students for the World of Work.
Project Director: Ruggiero, Carmine
Organization: Cranston School Dept., R.I.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purpose of this program is to develop an elementary level career awareness program. Specific objectives include helping students learn to identify a variety of occupations and to associate careers with the primary grade subjects needed to be learned for those careers. The students will begin to explore the interrelationships of self-image, educational environment, and the world of work.

SB004786

Opening Doors to Awareness.
Project Director: Crooks, Lemuel
Organization: Lincoln School Dept., R.I.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: D-7506

This is the second year of a project to expose children in grades K-6 to a multiplicity of careers in each of the U.S.O.E. career clusters. Kindergarten children will study the jobs of people they meet in everyday life. Focal point for grades 1-2 will be the "Restaurant"; grades 3-4, the "Library"; and grades 5-6, the "Hospital."

SB004787

Hope Offers Positive Education.
Organization: Hope Elementary School, Scituate, R.I.
Contract and/or Control No.: D-7586

The goal of this career education project for students in grades 4 and 5 is to produce a yearbook providing various opportunities in the field of publishing. Career education will be integrated into the traditional curriculum, and a separate activity period will be provided each week in which classrooms will be arranged to represent different phases of the publishing business (editing, copywriting, proofreading, etc.). In addition to the hands-on experience, field trips will be conducted.

SB004788 VTP-1755

Art Career Awareness/Exploration.
Project Director: Hull, Sharon
Organization: Roger Williams Middle School, Providence, R.I.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

The purpose of this project is to familiarize eighth grade students with the fine arts and visual arts occupational clusters, and it will include such diverse activities as analyzing an advertising campaign and designing a floor plan for a kindergarten school. In addition, a pretest of artistic creativity will determine those students who will be given the option of working independently during class time.

SB004789 VTP-1876

Let's Put Science to Work.
Project Director: LaFrance, Anne
Organization: Lincoln School Dept., R.I.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

The goals of this project are to enable students to evaluate their present knowledge concerning the science-related career clusters, relate science activities to specific work activities, and prepare a questionnaire to use in interviewing persons working in specific career cluster jobs. Students will spend a day at work with a person employed in a career of the student's choice.

SB004790 VTP-1875

Project H.E.L.P. Homemaking Elementary Learning Procedures.
Project Director: Lawrence, Marie
Organization: Cranston School Dept., R.I.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

The objectives of this project are to enable homemaking students to operate a stove, identify and demonstrate the use of each kitchen utensil, follow a simple recipe, identify the four basic food groups, and plan a well-balanced meal. Classroom teachers and parent volunteers will coordinate the project while acting as an advisory board.

SB004791 VTP-1512

Career Orientation Education - COE.
Project Director: Jungwirth, Veretta
Organization: Providence School Dept., R.I.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

The objectives of this project are to assist elementary students to develop key concepts as a necessary foundation for making adequate career decisions. It will also enable them to develop positive self-concepts and an awareness of their own and others' value systems. Career awareness, self-development, and community-based resource materials will be used in instruction. The six major social science disciplines will be used to build career development concepts.

SB004792 VTP-1513

Career Education for 20 Eighth Graders Who Are Potential Drop-Outs.
Project Director: Healey, Evelyn
Organization: Warwick School Dept., R.I.
Funding Period: Start Date 1 Aug 74; End Date 1 Jun 75

The objective of this project is to develop positive attitudes toward the future and raise the reading and math competency for twenty eighth graders who are potential dropouts. The Iowa Test of Basic Skills will be administered; weekly meetings of staff and students will be conducted; and field trips to explore careers will be planned by the students.

SB004793 VTP-1514

Career Orientation Education - COE.
Project Director: Coia, Vilma
Organization: Providence School Dept., R.I.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

The purpose of this project is to integrate career education into the curriculum of Grades 3-5. The objectives of the program are to assist students in developing a self-concept, understanding value systems, recognizing their aptitudes and interests, and developing some decision-making techniques.

SB004794

Workshops for Introduction to Basic Carpentry for the Elementary School.
Project Director: Dana, Barry
Organization: Cranston School Dept., R.I.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

The purpose of this project for sixth graders is to re-introduce formal manual arts training into the elementary school. This program will allow students an opportunity to explore a possible vocation or a leisure activity, while at the same time using two important reading skills: sequence and following directions.

SB004795 VTP-1759

Reading Into Careers.
Project Director: Corney, Lila
Organization: Lincoln Middle School, R.I.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

The purpose of this project is to integrate career education into the existing reading program. Subjects to be included are introduction and motivation, transportation, communication and media, business and office, and public services, as related to the present structure of the reading curriculum.

SB004796 VTP-1756

Career Awareness in Communications.
Project Director: Storte, Daniel
Organization: Washington School, Coventry, R.I.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

The goal of this project is to enable students to identify the careers, tools, jargon, and problems related to the communications field. Three student newspapers will be produced, and a radio and television show will be taped. The program will be geared to seventy-five sixth grade students and will include interviews, field trips, guest speakers, and group instruction.

SB004797 VTP-1757

First Step Consumer Awareness Education.
Project Director: Monopoli, Jacqueline
Organization: West View Elementary, Cranston, R.I.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

This project is intended as a first step in student and parent education to help both develop their purchasing abilities and make parents aware of their role as consumers. Sixth grade students will increase their consumer awareness through sessions with speakers from the consumer affairs agencies and printed information on consumer affairs. The program will include individual projects, group projects, field trips, speakers, and workshops.

SB004798 VTP-1503

World of Work.
Project Director: Walsh, Donna
Organization: Hope Valley School, Hopkinton, R.I.
Funding Period: Start Date 30 Jun 74; End Date 30 Jun 75

The goals of this project are to write objectives in behavioral performance terms and detail the measurable behavioral changes that can be expected as a result of the program. The variables influencing the outcome of the project will be specified; the steps and procedures to be followed in attaining the objectives will be related; and a statement of activities and services to be offered will be given.

SB004799 VTP-1517

Creating Career Awareness.
Project Director: Geary, Jeannette
Organization: Ashaway School, R.I.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

The purposes of the project are to write objectives in behavioral performance terms and detail the measurable behavioral changes expected as a result of the program. The steps and procedures to be followed in attaining the objectives will be related; a statement of activities and services to be offered will be given; and a schedule of events and monitoring system will be identified.

SB004800

Career Opportunities in the Natural Environment.
Project Director: Johnson, Cynthia
Organization: Ashaway Elementary School, R.I.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75
Contract and/or Control No.: D-7597M

The primary purpose of this program is to expose third grade students to at least 100 occupations related to the world of work in agribusiness and natural resources, marine science, and the environment. At the same time, the students will study how their roles and habits as consumers affect natural resources and the environment.

SB004801 VTP-1516

Printing Without Ink.
Project Director: Covais, Sol
Organization: Patrick J. O'Rourke Children Center, R.I.
Funding Period: Start Date 4 Sep 74; End Date 10 Jun 75

The objectives of this project are to provide simulated work experiences from which students may learn how to apply for, obtain, and keep a job and provide and maintain an atmosphere of work and social behavior with minimum structure and maximum creativity. The program will include students in primary through secondary grade level, who will fill out behavior modification forms and order forms and keep records of their activities and materials.

SB004802

Environmental Workings - Career Education in Natural Resources.
Project Director: Holt, Angela Derocher
Organization: Western Coventry Elementary School, Greene, R.I.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75
Contract and/or Control No.: D-7599M

The primary purpose of this project is to expose third grade students to at least fifty occupations related to the environment and its natural sciences. At the conclusion of the project students should be able to identify occupations related to the environment and its natural resources; show skills in identifying, growing, and caring for plants; and have developed skills in making products from materials in their environment with basic garden and carpentry tools.

Fiscal Year 1976

SB004803

Career Concepts Awareness.
Project Director: Sullivan, James E.
Organization: Cumberland School System, R.I.
Contract and/or Control No.: D-7620

This project is the second year of a program which is intended to provide career education as part of the curriculum for all elementary students. It will provide students with knowledge and positive attitudes toward themselves; give an awareness of occupations which serve the students, the community, and society; develop skills and experience in decision making; and explore the world of work. It is designed to lay the foundation for later career planning by students.

SB004804 VTP-2234

Building Bridges to Future Goals.
Project Director: LaFrance, Anne
Organization: Lincoln Middle School, R.I.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

This project is designed to implement existing vocational awareness programs in the middle school. Subject areas are home economics and related service occupations, journalism, fashions, and industrial arts. Procedures will include hands-on experience, independent data collection regarding job opportunities, student use of computer resource facilities, and dissemination of information through a student career education newsletter.

SB004805 VTP-2162

Relevancy and Decision - Career Education.
Project Director: Sullivan, James
Organization: Cumberland School Dept., R.I.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

This project seeks to implement career education in grades K-12 and provide secondary students with attitudes and behaviors for work. The program will identify students from five subject areas in grades 10 through 12 and provide educational experiences which will help them expand opportunities for awareness and development of life career identity, conceptualize emerging life career identity through articulated career orientation and exploration activities, and gain experience through effective placement and exploration activities.

SB004806

Industrial Based Career Education.
Organization: Gilbert Stuart Middle School, Providence, R.I.

This project is one of two in Providence which will explore the world of work through two career clusters: construction and manufacturing. The project will focus on seventh and eighth graders, but also conduct separate classes in general career awareness for fifth and sixth graders. It is to be determined whether the fifth and sixth grade career education units will be integrated into the regular academic curriculum.

SB004807

Techniques of Industrial Knowledge.
Organization: George West Middle School, Providence, R.I.

This project is one of two in Providence that will provide the opportunity to seventh and eighth graders to explore the world of work through two areas: construction and manufacturing. The manufacturing segment includes how to plan, organize, and control processes to produce manufactured products; the construction segment includes construction technology and actual hands-on experience.

SB004808

APOLLO (Advising Parents on Learning Life-Goal Opportunities).
Organization: Cranston High School, West Cranston, R.I.

This project will provide approximately seventy-five students and their parents with information on the process involved in choosing a life goal. Interest surveys and occupational tests will be administered to students, a communications workshop conducted for parents and students, and a survey interpreted to the group on job trends and local labor demands.

SB004809 VTP-2235

Career Education - Portsmouth.
Project Director: Mello, Michael
Organization: Portsmouth School Dept., R.I.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

This five-phase project is designed to facilitate the career information needs of students. Phase I will provide ninth grade students with instruction in the U.S.O.E. fifteen career clusters and develop a Career Resources Center. Phases II through IV will provide grades 10-12 students with knowledge of job entry skills, work experience, and job or postsecondary school placement. Phase V, scheduled for 1980, will consist of a follow-up graduate survey to evaluate the total program.

SB004810

Career Orientation Education.
Organization: E. W. Flynn Model School, Providence, R.I.

Descriptive information unavailable.

SB004811 VTP-2148

Developing Occupational Awareness of Vocational Skills for E.M.R. Students.
Project Director: Remington, Mary
Organization: Gladstone Street School, Cranston, R.I.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

The primary goal of this project is to develop an awareness of job skills required for occupations within the community for EMR elementary students who are potential dropouts. Occupations include manufacturing and construction, agriculture and natural resources, consumerism and homemaking, transportation, city maintenance, auto service and maintenance, and newspapers. Activities include inclass projects, field trips, acquiring communication and math skills, and role playing.

SB004812

Career Awareness in North Scituate.
Project Director: Guglielmi, June H.
Organization: North Scituate Elementary School, R.I.
Contract and/or Control No.: D-7510

The purpose of this project is to expose approximately 400 students in grades K-6 to careers in eleven of the fifteen U.S.O.E. occupational clusters. Information will be imparted through guest speakers, field trips, audiovisuals, and when possible, hands-on experiences. Learning will be reinforced by simulation activities in the classroom.

SB004813

A Developmental Program for Preparing Students for the World of Work.
Organization: Cranston School Dept., R.I.

This project will develop a career education resource center. Fifteen teachers in the program will gather published materials as well as develop their own materials for use in classroom instruction and for community public relations activities demonstrating their program. The teachers will prepare pre and posttests for the career education units covered.

SB004814

Bradley Hospital Pre-Vocational Program.
Organization: Mount Pleasant Elementary School, Providence, R.I.

The overall goals of this program for children K-12 are to increase the child's knowledge or awareness of proper techniques, machines, materials, skills, and occupations related to food preparation and nutrition, hygiene and sanitation, clothing and textiles, budgetary processes, and industrial arts. A second goal is to closely integrate academic subjects with the prevocational activities to provide a motivating multisensory learning experience that will increase academic knowledge and promote emotional growth and adjustment.

SB004815

Pre-Vocational Program.
Organization: Emma Pendleton Bradley Hospital, East Providence, R.I.

The overall goals of this program for children K-12 are to increase the child's knowledge or awareness of proper techniques, machines, materials, skills, and occupations related to food preparation and nutrition, hygiene and sanitation, clothing and textiles, budgetary processes, and industrial arts. A second goal is to closely integrate academic subjects with the prevocational activities to provide a motivating multisensory learning experience that will increase academic knowledge and promote emotional growth and adjustment.

SB004816 VTP-2168

Career Development Partnership.
Project Director: Myers, Edward
Organization: Cranston School Dept., R.I.
Funding Period: Start Date 30 Jun 75; End Date 18 Jun 76

The objectives of this project are to design parent education programs to assist parents in maximizing their role in the vocational development of their children; train counselors to conduct parent education programs; and develop literature for parents of children at the elementary, junior, and senior high levels to help inform them of the career development phase their child is experiencing. Objectives will be accomplished through literature searches, parent interviews, and six three-hour workshops.

SB004817 VTP-2143

Elementary School Awareness in Career Education.
Project Director: Handel, Linda
Organization: Frenchtown School, East Greenwich, R.I.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

The primary objective of this project is to develop the skills of approximately 240 students involved in four programs: career awareness or consumer education for elementary students, distributive education for high school students, and driver education for EMR students. Students may explore natural resources, homemaking and consumer education, communications/media, marine science, and fine arts. EMR students will be provided automobile maintenance experience.

SB004818

Opening Doors to Awareness.
Organization: North Lincoln Elementary School, R.I.

This project will integrate career education concepts into grades K-6. Teachers will develop their own curriculum materials and incorporate them through individualized instruction and group interaction. Teachers will devise pre and posttests, and parents will serve as volunteer aides for field trips and as assistants for class projects.

Fiscal Year 1977 - No Projects Reported

SOUTH CAROLINA

Part C

Fiscal Year 1971

SB004819 **VTP-451**

The Development of a Vocational Curriculum Guide Based on the Concept of Behavioral Objectives.
Project Director: Greer, Samuel M.
Organization: Winthrop Coll., Rock Hill, S.C.
Funding Period: Start Date 15 Oct 71; End Date 23 Jun 72

This project seeks to update and standardize vocational education curricula relative to the job-entry requirements of business and industry. The curricula will provide for the measurement of student progress according to predetermined performance objectives.

SB004820 **VTP-467**

The Development of a Vocational Curriculum Guide for Graphic Communications, Based on the Concept of Behavioral Objectives.
Organization: Charleston County School District, S.C.
Funding Period: Start Date 15 Oct 71; End Date 23 Jun 72

The aim of this project is to develop a vocational curriculum guide for graphic communications, based on the concept of behavioral objectives. Vocational education curricula will be updated and standardized relative to the job-entry requirements of business and industry. The curriculum guide will provide for measuring student progress according to predetermined performance objectives.

SB004821 **VTP-468**

The Development of a Vocational Curriculum Guide for Electricity, Based on the Concept of Behavioral Objectives.
Organization: Oconee Area Vocational Center, Seneca, S.C.
Funding Period: Start Date 15 Nov 71; End Date 23 Jun 72

The aim of this project is to develop a vocational curriculum guide for electricity, based on the concept of behavioral objectives. Vocational education curricula will be updated and standardized relative to the job-entry requirements of business and industry. The curriculum guide will provide for measuring student progress according to predetermined performance objectives.

SB004822 **VTP-469**

The Development of a Vocational Curriculum Guide for Mentally Handicapped Students in Building Trades, Based upon the Concept of Behavioral Objectives.
Organization: Aiken County School District, S.C.
Funding Period: Start Date 15 Nov 71; End Date 23 Jun 72

The aim of the project is to develop a vocational curriculum guide for mentally handicapped students in building trades, based upon the concept of behavioral objectives. Vocational education curricula will be updated and standardized relative to the job-entry requirements of business and industry. The curriculum guide will provide for measuring student progress according to predetermined performance objectives.

SB004823 **VTP-477**

The Development of a Vocational Curriculum Guide for Commercial Cooking Based upon the Concept of Behavioral Objectives.
Organization: R. D. Anderson Area Vocational Center, Moore, S.C.
Funding Period: Start Date 15 Nov 71; End Date 23 Jun 72

The aim of this project is to develop a vocational curriculum guide for commercial cooking based upon the concept of behavioral objectives. Vocational educational curricula will be updated and standardized relative to the job-entry requirements of business and industry. The curriculum guide will provide for measuring student progress according to predetermined performance objectives.

SB004824 **VTP-476**

The Development of a Vocational Curriculum Guide for Disadvantaged and Handicapped Students Based upon the Concept of Behavioral Objectives.
Project Director: Woolard, G.
Organization: Kershaw County School District, Camden, S.C.
Funding Period: Start Date 15 Nov 71; End Date 23 Jun 72

The aim of this project is to develop a vocational curriculum guide for disadvantaged and handicapped students based upon the concept of behavioral objectives. Vocational education curricula will be updated and standardized relative to the job-entry requirements of business and industry. The curriculum guide will provide for measuring student progress according to predetermined performance objectives.

SB004825 **VTP-475**

The Development of a Vocational Curriculum Guide for Power Mechanics, Based on the Concept of Behavioral Objectives.
Organization: Orangeburg School District 4, Cordova, S.C.
Funding Period: Start Date 15 Nov 71; End Date 23 Jun 72

The aim of this project is to develop a vocational curriculum guide for power mechanics, based upon the concept of behavioral objectives. Vocational education curricula will be updated and standardized relative to the job-entry requirements of business and industry. The curriculum guide will provide for measuring student progress according to predetermined performance objectives.

SB004826 **VTP-474**

The Development of a Vocational Curriculum Guide for Building Construction, Based on the Concept of Behavioral Objectives.
Organization: Rock Hill School District 3, S.C.
Funding Period: Start Date 15 Nov 71; End Date 23 Jun 72

The aim of this project is to develop a vocational curriculum guide for building construction, based upon the concept of behavioral objectives. Vocational education curricula will be updated and standardized relative to the job-entry requirements of business and industry. The curriculum guide will provide for measuring student progress according to predetermined performance objectives.

SB004827 **VTP-473**

The Development of a Vocational Curriculum Guide for Welding Based on the Concept of Behavioral Objectives.
Organization: Fairfield County School District 1, Winnsboro, S.C.
Funding Period: Start Date 15 Nov 71; End Date 23 Jun 72

The aim of this project is to develop a vocational curriculum guide for welding based upon the concept of behavioral objectives. Vocational education curricula will be updated and standardized relative to the job-entry requirements of business and industry. The curriculum guide will provide for measuring student progress according to predetermined performance objectives.

SB004828 **VTP-472**

The Development of a "Policy and Procedures Manual for the Operation of Area Vocational Centers," Based on the Concept of Behavioral and Administration Objectives.

Project Director: Woolard, G.
Organization: Kershaw County School District, Camden, S.C.
Funding Period: Start Date 15 Nov 71; End Date 23 Jun 72

The aim of this project is the development of a policy and procedures manual for the operation of area vocational centers based on the concept of behavioral and administrative objectives. The manual will update and standardize the policies and procedures for operating the centers.

SB004829 **VTP-471**

The Development of a Vocational Curriculum Guide for Heating, Air Conditioning and Refrigeration Based on the Concept of Behavioral Objectives.
Project Director: Whaley, H. W.
Organization: Lancaster Area Vocational Center, S.C.
Funding Period: Start Date 15 Nov 71; End Date 23 Jun 72

The aim of this project is to develop a vocational curriculum guide for heating, air conditioning, and refrigeration based upon the concept of behavioral objectives. Vocational education curricula will be updated and standardized relative to the job-entry requirements of business and industry. The curriculum guide will provide for measuring student progress according to predetermined performance objectives.

SB004830 **VTP-470**

The Development of a Vocational Curriculum Guide for Electronics Based on the Concept of Behavioral Objectives.
Organization: Rock Hill School District 3, S.C.
Funding Period: Start Date 15 Nov 71; End Date 23 Jun 72

The aim of this project is to develop a vocational curriculum guide for electronics based upon the concept of behavioral objectives. Vocational education curricula will be updated and standardized relative to the job-entry requirements of business and industry. The curriculum guide will provide for measuring student progress according to predetermined performance objectives.

SB004831

Self-Instructional Sound Synchronized Slide Presentation.
Project Director: Robinson, A. B., Jr.
Organization: Oconee County Schools, Walhalla, S.C.
Funding Period: Start Date 1 May 72; End Date 30 Jun 72

This project aims to develop a prevocational "Self-Instructional Sound Synchronized Slide Presentation" to initiate an auto instructional program at the local level. These presentations will be developed for use in prevocational and industrial arts programs in masonry, surveying, housewiring, welding, small motors, plastics ceramics, graphic arts, woodworking, and drafting.

SB004832

Development of a Vocational Curriculum Guide for Auto Body and Fender Repair Based on the Concept of Behavioral Objectives.
Organization: Sumter School District 17, S.C.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

This project will develop a curriculum guide for auto body and fender repair based on the concept of behavioral objectives which relates student performance to the job-entry requirements of business and industry. Curriculum guides based on the same concept will be developed for other vocational areas. Plans include reviewing, editing, reproducing, and disseminating the guides state-wide.

Fiscal Year 1972

SB004833

Development of a Guide for the Operation and Implementation of Adult Programs and a Guide for the Operation and Implementation of a Student Placement and Follow-Up Program.
Project Director: Woolard, G.
Organization: Kershaw County School District, Camden, S.C.
Funding Period: Start Date 1 Aug 72; End Date 23 Jun 73
Contract and/or Control No.: 73-7216

Funds for this project will establish a conceptual framework to aid the Area Vocational Center administrator in implementing programs for adults and for student placement and follow-up. The framework for the adult program will help administrators to plan, implement, operate, and evaluate their own program. The framework for the student placement and follow-up program will include practical considerations of the placement process, follow-up methods, and other supportive activities.

SB004834

A Continuation of the Development of a Statewide Curriculum in Graphic Communications Based on Behavioral Objectives and Self Instructional Programs (Phase II).
Project Director: Dailey, David W.
Organization: Oconee County School District, Walhalla, S.C.
Funding Period: Start Date 1 Aug 72; End Date 30 Jun 73

The goal of this continuing project is to establish a two-year graphic arts instructional system for use in vocational school courses in the state. This model self-instructional system will include sound synchronized slides, learning activity packages, assignments, project specifications, a cumulative file format, and a list of resource people for each instructional unit who can help project staff critique the programs during their preparation and identify additional self-instructional programs.

Fiscal Year 1973

SB004835

Development of a Guide for the Operation and Implementation of Adult Programs and a Guide for the Operation and Implementation of a Student Placement and Follow-Up Program.
Project Director: Woolard, G.
Organization: Kershaw County School District, Camden, S.C.
Funding Period: Start Date 1 Aug 72; End Date 23 Jun 73
Contract and/or Control No.: 73-7216

Funds for this project will establish a conceptual framework to aid the Area Vocational Center administrator in implementing programs for adults and for student placement and follow-up. The framework for the adult program will help administrators to plan, implement, operate, and evaluate their own program. The framework for the student placement and follow-up program will include practical considerations of the placement process, follow-up methods, and other supportive activities.

SB004836

A Continuation of the Development of a Statewide Curriculum in Graphic Communications Based on Behavioral Objectives and Self Instructional Programs (Phase III).
Project Director: Dailey, David W.
Organization: Oconee County School District, Walhalla, S.C.

Phase III of this continuing project to establish a two-year graphic arts self-instructional system for use in vocational school courses in the state is to evaluate and revise the materials developed for the project.

Fiscal Year 1974

SB004837

Vital Information for Education and Work (VIEW).
Organization: South Carolina State Dept. of Education, Columbia.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The aim of this project is to revise and update Project VIEW (Vital Information for Education and Work). The range of occupations included in the VIEW deck will be expanded, primarily according to student interest. The number of participating schools will also be increased. New participants will become acquainted with the VIEW system and materials through workshops conducted by VIEW counselors and administrators. The workshops will also help to identify problem areas in the system.

Fiscal Year 1975

SB004838

Pre-Vocational Instrument Development Program.
Project Director: Grant, James
Organization: Calhoun-Orangeburg Vocational Center, Orangeburg, S.C.

Funding Period: Start Date 9 Jun 75; End Date 13 Jun 75

This project will fund a five-day workshop to construct three career development instruments in prevocational education for students in grades 9 and 10. Specific objectives of the workshop include enabling participants to (1) understand the basic theory of research instrument development, (2) evaluate the effectiveness of research instruments, (3) apply basic knowledge and skills in designing an effective instrument, (4) administer and interpret results from three instruments, and (5) field test instruments for validity and reliability.

SB004839

Vital Information for Education and Work (VIEW).
Organization: Clemson Univ., S.C.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project seeks to revise and update the occupational information aperture cards of the Vital Information for Education and Work (VIEW) deck. An addendum to the VIEW deck will be developed to include vocational centers and training opportunities. Workshops will be conducted to identify effective VIEW implementation methods and solutions for problem areas. A survey of students in the state will be conducted to evaluate the effectiveness of the VIEW delivery system.

SB004840

Career Cluster Evaluation Design Project.
Project Director: Chastain, L. Joel
Organization: South Carolina State Dept. of Education, Columbia. Office of Vocational Education.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 76

The purpose of this project is to develop self-paced instructional materials and an articulate educational system for vocational, technical, and adult education programs in heating, air conditioning and refrigeration, and machine shop. Procedures will include (1) adapting and reproducing available curricula materials and developing additional materials for the individualized self-paced programs, (2) orienting staff to the self-instructional training philosophy through workshops, (3) exposing staff to new instructional materials, and (4) designing evaluation instruments to determine project effectiveness.

Fiscal Year 1976

SB004841

Pre-Vocational Instrument Development Program.
Project Director: Grant, James
Organization: Calhoun-Orangeburg Vocational Center, Orangeburg, S.C.
Funding Period: Start Date 1 Jul 75; End Date 1 Oct 75

This project seeks to develop research instruments to be used by prevocational teachers to determine the occupational interest, knowledge, and attitudes of present and future prevocational students. This goal will be accomplished through a one-week workshop in which fifteen prevocational instructors will produce pre and post-test instruments, an interest inventory, a career aptitude opinionnaire, a follow-up opinionnaire, and an evaluation follow-up instrument. Future plans include field testing and evaluating these instrument in the schools of the participating teachers.

SB004842

Bookkeeper - Bank Teller Individualized Modules of Instruction.
Project Director: Hess, Susie
Organization: South Carolina Univ., Columbia.
Funding Period: Start Date 1 Apr 76; End Date 30 Jun 76

The objectives of this project are to (1) determine the availability of instructional materials with multimedia delivery oriented systems applicable to the preparation of students for bookkeeper and bank teller positions, (2) select and acquire these materials, (3) study the format of these materials to provide a basis for making decisions concerning the format of materials to be developed, and (4) evaluate these materials through an advisory committee to avoid duplication and determine their adaptability for use.

SB004843

Searching and Procuring Instructional Materials and Media Applicable to Selected Areas of Instruction in Trade and Industrial Education.
Project Director: Jensen, Arthur K.
Organization: Clemson Univ., S.C. Vocational Education Media Center.
Funding Period: Start Date 15 Mar 76; End Date 30 Jun 76

This project seeks to identify, obtain, and evaluate available curriculum materials that could be used with newly developed catalogs of performance objectives and criterion-referenced measures. Specific objectives include searching for available instructional materials and media for use in implementing competency-based education in selected trade and industrial education programs and conducting a workshop for selected welding instructors and their administrators on the use of Hobart's PAT system.

Fiscal Year 1977

SB004844

Learning Style Mapping.
Project Director: Reece, Jane
Organization: Spartanburg Technical Coll., S.C.
Funding Period: Start Date 1 Apr 77; End Date 30 Jun 77

The goal of this two-phase project is to determine whether identifying students' learning styles is a viable tool in prescribing alternative instructional methods. Procedures include using diagnostic tests to select the instructional method to be used by the student and help provide a continuing program of counseling for job exploration and selection.

SB004845

Evaluation of Health Career Awareness Program.
Project Director: Samuels, Keith
Organization: Trident Technical Coll., Charleston, S.C.
Funding Period: Start Date 1 Mar 77; End Date 30 Jun 77

This project intends to introduce high school students to the range of career opportunities available in the health field. Objectives include (1) providing students with information about many health careers, (2) allowing them to explore career-related topics with health professionals, (3) giving them an opportunity to spend twelve hours per week working in various clinical settings, and (4) helping them make realistic career decisions. The program will include lectures, discussions, guest speakers, and hospital rotations.

Part D

Fiscal Year 1970

SB004846

Skillful Utilization of Corrected Curriculum Erases Educational Deficiencies (Project SUCCEED).
Project Director: Smith, G. O.
Organization: South Carolina State Dept. of Education, Columbia. Office of General Education.
Funding Period: Start Date 1 Jul 69; End Date 30 Jun 70

This project aims to reduce the number of high school dropouts by revising curricula of potential dropouts to consist of two years of vocational exploration followed by two years of study in a specific vocational area. Usual academic subjects will be replaced by special courses in communication, computation, human relations, and science. Students will be tested to determine their potential and achievement. They will be permitted to move at their own pace and move back into a traditional curriculum at any time.

Fiscal Year 1971

SB004847

Skillful Utilization of Corrected Curriculum Erases Educational Deficiencies (Project SUCCEED).

Project Director: Smith, G. O.
Organization: South Carolina State Dept. of Education, Columbia. Office of General Education.

This project aims to reduce the number of high school dropouts by revising curricula of potential dropouts to consist of two years of vocational exploration followed by two years of study in a specific vocational area. Usual academic subjects will be replaced by special courses in communication, computation, human relations, and science. Students will be tested to determine their potential and achievement. They will be permitted to move at their own pace and move back into a traditional curriculum at any time.

Fiscal Year 1972

SB004848

Skillful Utilization of Corrected Curriculum Erases Educational Deficiencies (Project SUCCEED).
Project Director: Smith, G. O.
Organization: South Carolina State Dept. of Education, Columbia. Office of General Education.

This project aims to reduce the number of high school dropouts by revising curricula of potential dropouts to consist of two years of vocational exploration followed by two years of study in a specific vocational area. Usual academic subjects will be replaced by special courses in communication, computation, human relations, and science. Students will be tested to determine their potential and achievement. They will be permitted to move at their own pace and move back into a traditional curriculum at any time.

Fiscal Year 1973

SB004849

Skillful Utilization of Corrected Curriculum Erases Educational Deficiencies (Project SUCCEED).
Project Director: Smith, G. O.
Organization: South Carolina State Dept. of Education, Columbia. Office of General Education.

This project aims to reduce the number of high school dropouts by revising curricula of potential dropouts to consist of two years of vocational exploration followed by two years of study in a specific vocational area. Usual academic subjects will be replaced by special courses in communication, computation, human relations, and science. Students will be tested to determine their potential and achievement. They will be permitted to move at their own pace and move back into a traditional curriculum at any time.

Fiscal Year 1974

SB004850

Orientation to Career Education.
Organization: South Carolina State Dept. of Education, Columbia. Office of Vocational Education.

This project will provide inservice teachers and administrators with a programmed package of orientation materials containing results from third-party evaluation reports on two career education projects and other data. The package will consist of a programmed workbook, a supplement, and a videotape depicting actual classroom implementation of career development principles.

Fiscal Year 1975

SB004851

Career Education Materials Development.
Project Director: Jensen, A. K.
Organization: Clemson Univ., S.C. Vocational Education Media Center.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project will field test a programmed package of orientation materials developed from third-party reports of career education projects in the state. Ten local school districts, varying in size and socioeconomic background, will serve as a target area; and training workshops will be conducted with "seed teams" from each participating district. Implementation plans will be written and submitted to the State Department of Education by each district.

SB004852

Career Education Demonstration Project.
Project Director: Coan, George
Organization: Spartanburg County School District 5, Duncan, S.C.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The primary goal of this project is to develop and implement a comprehensive program that will incorporate the fundamental career education philosophy and have potential for state-wide use. It will also provide practical examples of career education programs to assist other school districts in assessing the worth of career education programs and in developing program implementation techniques. The project will be implemented through existing curriculum by all teachers of grades K-12, with each school using its own method of organization.

Fiscal Year 1976

SB004853

Career Education.
Project Director: Coan, George
Organization: Spartanburg County School District 5, Duncan, S.C.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The primary goal of this project is to develop and implement a comprehensive program that will incorporate the fundamental career education philosophy and have potential for state-wide use. It will also provide practical examples of career education programs to assist other school districts in assessing the worth of career education programs and in developing program implementation techniques. The project will be implemented through existing curriculum by all teachers of grades K-12, with each school using its own method of organization.

SB004854

Purchase of Career Education Materials.
Project Director: Williams, Cornelius
Organization: Jasper County Schools, Ridgeland, S.C.
Funding Period: Start Date 1 Apr 76; End Date 30 Jun 76

Funding will provide for the purchase of career education materials from a list developed by the State Department of Education or approved by the state consultant of career education. The consultant will provide guidelines for the major components to be addressed in the plan for career education.

SB004855

Purchase of Career Education Materials.
Project Director: Giles, Columbus
Organization: Williamsburg County Schools, Kingstree, S.C.
Funding Period: Start Date 1 Apr 76; End Date 30 Jun 76

Funding will provide for the purchase of career education materials from a list developed by the State Department of Education or approved by the state consultant of career education. The consultant will provide guidelines for the major components to be addressed in the plan for career education.

SB004856

Purchase of Career Education Materials.
Project Director: Charney, Allen
Organization: Anderson County School District 1, Williamston, S.C.
Funding Period: Start Date 1 Apr 76; End Date 30 Jun 76

Funding will provide for the purchase of career education materials from a list developed by the State Department of Education or approved by the state consultant of career education. The consultant will provide guidelines for the major components to be addressed in the plan for career education.

SB004857

Purchase of Career Education Materials.
Organization: Oconee County School District, Walhalla, S.C.
Funding Period: Start Date 1 Apr 76; End Date 30 Jun 76

Funding will provide for the purchase of career education materials from a list developed by the State Department of Education or approved by the state consultant of career education. The consultant will provide guidelines for the major components to be addressed in the plan for career education.

SB004858

Purchase of Career Education Materials.
Project Director: Lewis, Carl
Organization: Allendale County Schools, Allendale, S.C.
Funding Period: Start Date 1 Apr 76; End Date 30 Jun 76
Contract and/or Control No.: 76-1653

Funding will provide for the purchase of career education materials from a list developed by the State Department of Education or approved by the state consultant of career education. The consultant will provide guidelines for the major components to be addressed in the plan for career education.

SB004859

Purchase of Career Education Materials.
Project Director: Morrison, John
Organization: York School District 1, S.C.
Funding Period: Start Date 1 Apr 76; End Date 30 Jun 76
Contract and/or Control No.: 76-1653

Funding will provide for the purchase of career education materials from a list developed by the State Department of Education or approved by the state consultant of career education. The consultant will provide guidelines for the major components to be addressed in the plan for career education.

SB004860

Purchase of Career Education Materials.
Project Director: Crum, Mary
Organization: Bamberg County School District 2, Denmark, S.C.
Funding Period: Start Date 1 Apr 76; End Date 30 Jun 76
Contract and/or Control No.: 76-1653

Funding will provide for the purchase of career education materials from a list developed by the State Department of Education or approved by the state consultant of career education. The consultant will provide guidelines for the major components to be addressed in the plan for career education.

SB004861

Purchase of Career Education Materials.
Project Director: Hall, J. Floyd
Organization: Greenville County Schools, Greenville, S.C.
Funding Period: Start Date 1 Apr 76; End Date 30 Jun 76
Contract and/or Control No.: 76-1653

Funding will provide for the purchase of career education materials from a list developed by the State Department of Education or approved by the state consultant of career education. The consultant will provide guidelines for the major components to be addressed in the plan for career education.

SB004862

Purchase of Career Education Materials.
Project Director: Harris, Denard
Organization: Lexington County School District 2, West Columbia, S.C.
Funding Period: Start Date 1 Apr 76; End Date 30 Jun 76
Contract and/or Control No.: 76-1653

Funding will provide for the purchase of career education materials from a list developed by the State Department of Education or approved by the state consultant of career education. The consultant will provide guidelines for the major components to be addressed in the plan for career education.

SB004863

Pre-Vocational Instrument Development Program.
Project Director: Grant, James
Organization: Calhoun-Orangeburg Vocational Center, Orangeburg, S.C.

This project will field test a programmed package of orientation materials developed from third-party reports of career education projects in the state. Ten local school districts, varying in size and socioeconomic background, will serve as a target area; and training workshops will be conducted with "seed teams" from each participating district. Implementation plans will be written and submitted to the State Department of Education by each district.

SB004864

Bookkeeper - Bank Teller Individualized Modules of Instruction.
Project Director: Hess, Sue
Organization: South Carolina Univ., Columbia.
Funding Period: Start Date 1 Apr 76; End Date 30 Jun 76

The primary goal of this project is to develop and implement a comprehensive program that will incorporate the fundamental career education philosophy and have potential for state-wide use. It will also provide practical examples of career education programs to assist other school districts in assessing the worth of career education and in developing program implementation techniques. The project will be implemented through existing curriculum by all teachers of grades K-12, with each school using its own method of organization.

SB004865

Searching and Procuring Instructional Materials and Media Applicable to Selected Areas of Instruction in Trade and Industrial Education.
Project Director: Jensen, Arthur K.
Organization: Clemson Univ., S.C. Vocational Education Media Center.
Funding Period: Start Date 15 Mar 76; End Date 30 Jun 76

Funding will provide for the purchase of career education materials from a list developed by the State Department of Education or approved by the state consultant of career education. The consultant will provide guidelines for the major components to be addressed in the plan for career education.

Fiscal Year 1977

SB004866

Public Service Improvement.
Project Director: Morant, Leroy
Organization: Williamsburg Vocational, Technical, and Adult Education Center, Kingstree, S.C.
Funding Period: Start Date 1 Apr 77; End Date 30 Jun 77
Contract and/or Control No.: 77-1715

This five-phase project aims to increase the number of high school students who apply to enter vocational programs at the center, the numnber who actually enroll, and the number of females who enroll in traditionally male programs. Procedures will include using a control group and an experimental group to determine what factors influence a students' enrollment. A questionnaire will be administered to all high school students to determine their awareness of available vocational programs at the center, available job opportunities, and the skills necessary to succeed in an industrial environment.

SB004867

Learning Activity Packets for Minimum Mathematics Competencies in Vocational Education.
Project Director: Templin, Roger
Organization: Dorchester Vocational Center, S.C.
Funding Period: Start Date 1 May 77; End Date 30 Jun 77
Contract and/or Control No.: 77-1714

This two-phase project intends to develop a definiton of the minimum mathematical skills necessary to complete vocational skill training in fifteen areas, develop learning activity packets relevant to each vocational area using practical activities and terminology of the specific skill area and avoiding any sex bias, and make the process and packets available to other vocational schools whose students might have similar mathematical skill deficiencies. Procedures will include determining the specific skill needs of students through the use of an adapted minimum proficiency exam.

SB004868

Female Access to Careers in Engineering Technology (FACET).
Project Director: Caughman, Alison
Organization: Trident Technical Coll., Charleston, S.C.
Funding Period: Start Date 1 Mar 77; End Date 30 Jun 77
Contract and/or Control No.: 77-1711

The purpose of this multi-phase project is to (1) make the public aware that there is a demand for female engineering technology graduates in the area; (2) recruit females into the college's engineering program; (3) provide special services to this group of students to help them succeed in the program; and (4) follow-up, document, and publicize the results of the program. Materials will be developed and

used to conduct a concentrated public awareness campaign which will highlight women who have already succeeded as engineers. These materials will include posters, flyers, brochures, radio and television commercials, and a twenty-minute film.

SB004869 VTP-2625

A Proposal for an Expansion of the Career Cluster Project: Implementation and Evaluation.
Project Director: Chastain, L. Joel
Organization: South Carolina State Dept. of Education, Columbia. Office of Vocational Education.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 78

The purpose of this two-phase project is to expand and continue the evaluation of the self-paced learning materials in air conditioning and machine shop programs and the implementation approach developed in the Career Cluster Project. Procedures in Phase I will include selection of test sites, replication of printed and audiovisual learning materials, procurement of equipment, teacher training, student pretesting, and program implementation. Phase II will involve revising the materials and implementation procedures, as well as devising a plan for replicating, distributing, and implementing these materials state-wide.

SOUTH DAKOTA

Part C

Fiscal Year 1971

SB004870 **VTP-536**

Project II.
Organization: South Dakota Univ., Vermillion. Business Research Bureau.

The purposes of this project include determining types of manpower most needed, determining the job opportunities in various vocations, and assisting with the planning for vocational education. A manpower information retrieval system is proposed to facilitate periodic updating of manpower shortage and surplus figures.

SB004871

Proposal for Study to Evaluate the Utilization of Licensed Practical Nurses as Assistants to the Instructors at the School of Practical Nursing in Sioux Falls.
Organization: Sioux Falls Independent School District 1, S. Dak.

This study proposes to determine if a difference exists in the effectiveness of training programs using licensed practical nurses as clinical instructor assistants and programs using registered nurses in the instructional process. By grouping trainees into control and study groups, the study will evaluate and compare the job performance, attitude scores, and scores on state licensing examinations of the trainees exposed to the two different types of instructors.

SB004872 **VTP-537**

Project IV.
Organization: South Dakota Univ., Vermillion. Business Research Bureau.
Funding Period: Start Date 16 Jun 71; End Date 1 Feb 72

This project proposes to study a special sampling relative to course-offering reimbursement practices being utilized by the various school districts; write, print, and distribute a handbook of occupational information; and mount a special research effort to develop data relating to women and the world of work. An exploratory study will be conducted relating to the ways persons in remote areas can be served by vocational technical education.

SB004873

Feasibility Study for Multi-District Vocational Education Concept for Secondary School Students in South Dakota.
Organization: Mitchell Independent School District 45, S. Dak.

To assess the feasibility and advantages of the multi-district approach to secondary vocational education in South Dakota, the project objectives include (1) gathering statistical information relevant to the multi-district concept, (2) determining the criteria to establish a multi-district training program, (3) establishing guidelines for determining curriculum offerings and necessary multi-district vocational education facilities, and (4) determining funds necessary for a comprehensive multi-district program.

Fiscal Year 1972

SB004874 **VTP-838**

Feasibility Study for Multi-District Vocational Education Concept for Secondary School Students in South Dakota.
Organization: Mitchell Independent School District 45, S. Dak.
Funding Period: Start Date 1 Apr 72; End Date 1 Apr 73

The objectives of this project are to determine the amount of expenditures being made in support of secondary vocational programs, gather statistical information relevant to the multi-district concept, determine the criteria for the establishment of a multi-district concept, determine the criteria for the establishment of a multi-district secondary vocational education training program, establish guidelines to determine curriculum offerings, and present a state-wide plan to provide for vocational education needs.

Fiscal Year 1973

SB004875

Feasibility Study for Multi-District Vocational Education Concept for Secondary School Students in South Dakota.
Organization: Mitchell Independent School District 45, S. Dak.
Funding Period: Start Date 1 Apr 72; End Date 1 Apr 73

The objectives of this project are to determine the amount of expenditures being made in support of secondary vocational programs, gather statistical information relevant to the multi-district concept, determine the criteria for the establishment of a multi-district secondary vocational education training program, establish guidelines to determine curriculum offerings, and present a state-wide plan to provide for vocational education needs.

SB004876

Cooperative Investigation. Project 6.
Organization: South Dakota Univ., Vermillion. Business Research Bureau.

To provide information for improving vocational education in South Dakota, the research and development activities to be conducted will include the following: (1) providing an analysis of employment opportunities related to vocational education programs; (2) monitoring instructional materials, research endeavors, and other relevant professional literature; (3) identifying and investigating problem areas in vocational education; (4) evaluating ongoing programs; (5) conducting demographic and economic research; and (6) providing inservice training.

SB004877

Internship Program. Project 7.
Project Director: Eggers, Robert
Organization: South Dakota Univ., Vermillion. Business Research Bureau.
Funding Period: Start Date 29 May 73; End Date 1 Jul 73

The purpose of this project is to conduct research relating to placement and job opportunities as they relate to the total vocational education program in South Dakota.

Fiscal Year 1974

SB004878 **VTP-1142**

Research and Demonstration Project.
Project Director: Nelson, Larry G.
Organization: South Dakota State Univ., Brookings.
Funding Period: Start Date 1 Jan 74; End Date 30 Jul 75

The objectives of this project are to provide for the retraining and upgrading of the agriculturally employed; apply and refine the Minnesota program model for adult agricultural education; and provide a research and demonstration project to show to educators, administrators, and lay persons. The administration of a pretest and posttest

designed to measure farm management understanding, class attendance, and goals will provide objective data.

SB004879

Cooperative Investigation. Project 7.
Organization: South Dakota Univ., Vermillion. Business Research Bureau.
Funding Period: Start Date 28 Mar 74; End Date 30 Jun 74

To provide information for improving vocational education in South Dakota, the research and development activities to be conducted will include the following: (1) providing an analysis of employment opportunities related to vocational education programs; (2) monitoring instructional materials, research endeavors, and other relevant professional literature; (3) identifying and investigating problem areas in vocational education; (4) evaluating ongoing programs; (5) conducting demographic and economic research; and (6) providing inservice training.

Fiscal Year 1975

SB004880

Farm Management Program.
Project Director: Nelson, Larry
Organization: South Dakota State Univ., Brookings.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purpose of this project is to develop a model program for adult education in vocational agriculture that will assist in meeting the training needs of the agriculturally employed, particularly the self-employed, at the local community level.

SB004881

Cooperative Investigation. Project 10.
Organization: South Dakota Univ., Vermillion. Business Research Bureau.
Funding Period: Start Date 25 Apr 75; End 1 Dec 75
Contract and/or Control No.: 10

To provide information for improving vocational education in South Dakota, the research and development activities to be conducted will include the following: (1) providing an analysis of employment opportunities related to vocational education programs; (2) monitoring instructional materials, research endeavors, and other relevant professional literature; (3) identifying and investigation problem areas in vocational education; (4) evaluating ongoing programs; (5) conducting demographic and economic research; and (6) providing inservice training.

Fiscal Year 1976

SB004882

Cooperative Investigation. Project 12.
Organization: South Dakota Univ., Vermillion. Business Research Bureau.
Funding Period: Start Date 1 Dec 75; End Date 30 Jun 76

To provide information for improving vocational education in South Dakota, the research and development activities to be conducted will include the following: (1) providing an analysis of employment opportunities related to vocational education programs; (2) monitoring instructional materials, research endeavors, and other relevant professional literature; (3) identifying and investigating problem areas in vocational education; (4) evaluating ongoing programs; (5) conducting demographic and economic research; and (6) providing inservice training.

SB004883

Research and Demonstration - Adult Vocational Agriculture Program in Farm Business Analysis.
Project Director: Gadda, Hilding
Organization: South Dakota State Univ., Brookings.
Funding Period: Start Date 1 Jan 76; End Date 31 Dec 76

The purpose of this exemplary program is to develop a model program for adult education in vocational agriculture that will assist in meeting the training needs of individuals employed in agriculture, particularly those who are self-employed, at the local level.

SB004884

Cooperative Investigation. Project 13.
Project Director: Bergman, Bill
Organization: South Dakota Univ., Vermillion.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

To provide information for improving vocational education in South Dakota, the research and development activities to be conducted will include the following: (1) providing an analysis of employment opportunities related to vocational education programs; (2) monitoring instructional materials, research endeavors, and other relevant professional literature; (3) identifying and investigating problem areas in vocational education; (4) evaluating ongoing programs; (5) conducting demographic and economic research; and (6) providing inservice training.

Fiscal Year 1977

SB004885

Matching Funds for Farm Management Research and Demonstration Project at Redfield, Doland and Tulare.
Project Director: Gadda, Hilding W.
Organization: South Dakota State Univ., Brookings.

The purpose of this exemplary project is to conduct a program entitled "Research and Demonstration – Adult Vocational Agriculture Program in Farm Business Analysis." The results will be made available to the State Division of Vocational Education.

SB004886

Research Project to Demonstrate Capability of Post-Secondary Vocational-Technical Schools to Cooperatively Establish Reference Libraries with a City Library.
Project Director: Ziegler, Roy J.
Organization: Mitchell School District, S. Dak.
Funding Period: Start Date 1 Feb 77; End Date 30 Jun 77

The purpose of this project is to demonstrate the capability of postsecondary vocational and technical schools to cooperatively establish reference libraries with a city library. In a cooperative agreement, the Mitchell Independent School District will provide the public library with vocational and technical books, manuals, and other related publications and materials for use by both vocational and technical students and other patrons of the library in exchange for use of the library facilities, services, and staff.

Part D

Fiscal Year 1970

SB004887

A Career Study Program for Occupations not Requiring a Four-Year (Baccalaureate) College Degree.
Project Director: Gifford, Kenneth
Organization: Sioux Falls Independent School District 1, S. Dak.
Funding Period: Start Date 15 Jun 71; End Date 15 Aug 71

The goal of this project is to develop a career study program to inform junior high students of the varied occupational areas including health occupations, building trades, electronics, mechanical trades, and agriculture. The presentations will use field trips, guest lectures, and photographs of people performing in the occupations which are being discussed to expose the student to the occupations and the skills necessary to perform in these fields.

SB004888

Elementary Occupational Orientation Project.
Organization: Rapid City Independent School District 1, S. Dak.

To increase student awareness and understanding of the wide range of work opportunities, this project will develop an organized, systematic program of occupational orientation for elementary school students in the Rapid City Independent School District. A summer planning workshop to develop appropriate materials will be held using elementary teachers, vocational educators, guidance personnel, and curriculum specialists. An inservice workshop for key elementary teachers will be presented.

SB004889

STOP – Southern Trajectory Occupational Project.
Organization: South Dakota Univ., Vermillion.

Descriptive information unavailable.

SB004890

Multi-District Secondary Vocational Education Project.
Organization: Watertown Independent School District 1, S. Dak.

This exemplary project will establish a cooperative program in vocational and technical education sponsored by fourteen Lake Area schools. The program will include instruction in automotive services, building trades, drafting, electronics, health occupations, business office services, vocational agriculture, and distributive education. Approximately 400 eleventh and twelfth grade students will be enrolled in the program. A vocational guidance program will also be implemented to advise students of career opportunities and to help them match their talents with career objectives.

SB004891

Career Oriented Occupational Program.
Organization: Aberdeen Independent School District, S. Dak.

This project will plan and implement a junior high school curriculum which provides opportunities for career exploration, attitude development, and skill acquisition for different occupational areas. The specific objectives include (1) planning and conducting a summer pilot project of career exploration that will be reviewed, revised, and included in the regular school program; (2) providing exploratory experiences that will develop appropriate attitudes toward future occupational choices; (3) developing curricular instructional materials; and (4) involving community leaders as resources for career experiences.

Fiscal Year 1971

SB004892

Multi-District Secondary Vocational Education Project.
Organization: Watertown Independent School District 1, S. Dak.

This exemplary project will establish a cooperative program in vocational and technical education sponsored by fourteen Lake Area schools. The program will include instruction in automotive services, building trades, drafting, electronics, health occupations, business office services, vocational agriculture, and distributive education. Approximately 400 eleventh and twelfth grade students will be enrolled in the program. A vocational guidance program will also be implemented to advise students of career opportunities and to help them match their talents with career objectives.

SB004893

Career Oriented Occupational Program.
Organization: Aberdeen Independent School District, S. Dak.

This project will plan and implement a junior high school curriculum which provides opportunities for career exploration, attitude development, and skill acquisition for different occupational areas. The specific objectives include (1) planning and conducting a summer pilot project of career exploration that will be reviewed, revised, and included in the regular school program; (2) providing exploratory experiences that will develop appropriate attitudes toward future occupational choices; (3) developing curricular instructional materials; and (4) involving community leaders as resources for career experiences.

Fiscal Year 1972

SB004894

Multi-District Secondary Vocational Education Project.
Organization: Watertown Independent School District 1, S. Dak.

This exemplary project will establish a cooperative program in vocational and technical education sponsored by fourteen Lake Area schools. The program will include instruction in automotive services, building trades, drafting, electronics, health occupations, business office services, vocational agriculture, and distributive education. Approximately 400 eleventh and twelfth grade students will be enrolled in the program. A vocational guidance program will also be implemented to advise students of career opportunities and to help them match their talents with career objectives.

SB004895

Career Oriented Occupational Program.
Organization: Aberdeen Independent School District, S. Dak.

This project will plan and implement a junior high school curriculum which provides opportunities for career exploration, attitude development, and skill acquisition for different occupational areas. The specific objectives include (1) planning and conducting a summer pilot project of career exploration that will be reviewed, revised, and included in the regular school program; (2) providing exploratory experiences that will develop appropriate attitudes toward future occupational choices; (3) developing curricular instructional materials; and (4) involving community leaders as resources for career experiences.

Fiscal Year 1973

SB004896

STOP – Southern Trajectory Occupational Project.
Organization: South Dakota Univ., Vermillion.

Descriptive information unavailable.

SB004897

Career Oriented Occupational Program.
Organization: Aberdeen Independent School District, S. Dak.

This project will plan and implement a junior high school curriculum which provides opportunities for career exploration, attitude development, and skill acquisition for different occupational areas. The specific objectives include (1) planning and conducting a summer pilot project of career exploration that will be reviewed, revised, and included in the regular school program; (2) providing exploratory experiences that will develop appropriate attitudes towards future occupational choices; (3) developing curricular instructional materials; and (4) involving community leaders as resources for career experiences.

SB004898

A Vocational Program Based on a Quarter Unit System.
Organization: Pierre Independent School District 1, S. Dak.
Funding Period: Start Date 1 Jan 73; End Date 30 Jun 75

The purpose of this project is to propose an ungraded quarter system in the vocational and prevocational curriculum to provide students with a better opportunity to prepare for occupational objectives. The program will add flexibility to the curriculum, provide broader and more relevant course offerings, and make more efficient use of teacher skills. Operation of the project will involve correlation of subject areas, revision of schedules, and continuous evaluation.

SB004899

Multi-District Occupational-Vocational Education Training Program.
Organization: Lemmon Independent School District 88, S. Dak.

Because of the great distances between educational centers, this exemplary project plans to develop a multi-district mobile occupational vocational system at the secondary level for the counties of Harding, Perkins, Corson, Dewey, Ziebach, and parts of Meade. This system will contain the necessary classroom facilities, specialized equipment, curriculum guides, and audiovisual equipment and will include operational staff training to enable instructors to conduct prevocational and vocational programs at the participating schools.

Fiscal Year 1974

SB004900

Multi-District Occupational-Vocational Education Training Program.
Project Director: Doolittle, James
Organization: Lemmon Public Schools, S. Dak.
Funding Period: Start Date 1 Aug 75; End Date 31 Jul 76

Because of the great distances between educational centers, this exemplary project plans to develop a multi-district mobile occupational vocational system at the secondary level for the counties of

Harding, Perkins, Corson, Dewey, Ziebach and parts of Meade. This system will contain the necessary classroom facilities, specialized equipment, curriculum guides, and audiovisual equipment and will include operational staff training to enable instructors to conduct prevocational and vocational programs at the participating schools.

Fiscal Year 1975

SB004901

Multi-District Occupational-Vocational Education Training Program.
Project Director: Doolittle, James
Organization: Lemmon Public Schools, S. Dak.
Funding Period: Start Date 1 Aug 75; End Date 31 Jul 76

Because of the great distances between educational centers, this exemplary project plans to develop a multi-district mobile occupational vocational system at the secondary level for the counties of Harding, Perkins, Corson, Dewey, Ziebach, and parts of Meade. This system will contain the necessary classroom facilities, specialized equipment, curriculum guides, and audiovisual equipment and will include operational staff training to enable instructors to conduct prevocational and vocational programs at the participating schools.

Fiscal Year 1976

SB004902

Vocational Education on Wheels.
Organization: South Dakota State Div. of Vocational Technical Education, Pierre.
Funding Period: Start Date 1 Aug 75; End Date 31 Jul 76

Because of the great distances between educational centers, this exemplary project plans to develop a multi-district mobile occupational vocational system at the secondary level for the counties of Harding, Perkins, Corson, Dewey, Ziebach, and parts of Meade. This system will contain the necessary classroom facilities, specialized equipment, curriculum guides, and audiovisual equipment and will include operational staff training to enable instructors to conduct prevocational and vocational programs at the participating schools.

SB004903

Career Competency Program.
Project Director: Ritenour, Carl
Organization: Huron Independent School District 4, S. Dak.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The major objective of this project is to establish, implement, and evaluate a career competency program which will be both educationally and financially practical for implementation by South Dakota communities. Specific objectives include: (1) developing a sequential K-12 career education program; (2) providing K-6 career awareness materials, career information for grades 7-9, and tenth grade community exploratory experiences; (3) developing competency-based skills and concepts through programmed capsules; and (4) developing and implementing appropriate learning strategies.

Fiscal Year 1977

SB004904

Career Competency Program.
Project Director: Ritenour, Carl
Organization: Huron School District 4, S. Dak.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of this project is to design and implement a total career education model which will be educationally and financially practical for implementation by South Dakota communities. Specific objectives include providing K-6 career awareness materials, grades 7-9 career information and implementation, grade 10 community exploratory experiences, and career counseling for grades 11-12; developing and implementing appropriate learning strategies; and preparing action-learning packets to assist teachers.

TENNESSEE

Part C

Fiscal Year 1971

SB004905

Survey of Special Education Needs in Claiborne and Union Counties.
Organization: Clinch-Powell Educational Cooperative, Harrogate, Tenn.

Descriptive information unavailable.

SB004906

Guidelines for Community Surveys in Vocational Education.
Organization: Tennessee Univ., Knoxville.

Descriptive information unavailable.

SB004907

A Project to Improve the Vocabulary of Technology Students.
Organization: Jackson State Community Coll., Tenn.

Descriptive information unavailable.

SB004908

An Individualized Approach to Instruction in Distributive Education.
Project Director: Holland, Nancy V.
Organization: Tennessee Univ., Knoxville. Occupational Research and Development Coordinating Unit.

This study seeks to determine the effectiveness of an individualized approach, using learning packets, in the distributive education program at McKenzie High School. Study areas covered are orientation in vocational education, salesmanship, advertising, retail credit, and display.

SB004909

The Development of a Prediction Model to Determine the Appropriate Level of Entering Students in Mathematics.
Project Director: Hooper, Herbert L., Jr.
Organization: Chattanooga State Technical Inst., Tenn.

This project seeks to develop a statistical model for predicting a student's success in initial mathematics courses at Chattanooga State Technical Institute.

SB004910

Develop an Agriculture Related Communications Curriculum for Disadvantaged Students.
Organization: Vocational-Technical Education--Program Services Section, Tennessee.

Descriptive information unavailable.

SB004911

Making Demonstrations More Effective.
Project Director: Craig, David G.
Organization: Tennessee Univ., Knoxville.

This project seeks to determine the effect of the use of multimedia on learning to prepare and present a teaching demonstration. Specific objectives are to investigate differences between students who learn to demonstrate by the lecture-discussion method and those who learn to demonstrate by multimedia and short practice periods, and compare knowledge gained and abilities to plan and conduct a demonstration.

SB004912

Post High School Activity of Graduates who Immediately Enter the Labor Market.
Organization: Roane County Board of Education, Harriman, Tenn.

Descriptive information unavailable.

SB004913

The Qualities of an Effective Pre-Vocational Business Education Teacher.
Project Director: Brown, Betty Jean
Organization: Tennessee Univ., Knoxville.
Funding Period: Start Date 1 Jan 71; End Date 31 Dec 71

This project seeks to determine the relationship between students and supervisors' evaluations of general business teachers' effectiveness. The project seeks the answers to a number of questions, including, what do high school students consider good and poor teaching performance in general business classes, and what are the characteristics of an effective general business teacher as judged by leaders in the general business field.

SB004914

A Study of the Vocational Needs of Claiborne County.
Project Director: Temple, Charles M.
Organization: Tennessee Univ., Knoxville.

This project seeks to determine the vocational education needs of Claiborne County, the public opinions of county residents toward vocational education programs, and the vocational curriculum that would be relevant to the area. Specific objectives are to research what occupational trends are prevalent in the United States and to compare East Tennessee thereto.

SB004915

A Study of the Vocational Needs of Hancock County.
Project Director: Temple, Charles M.
Organization: Tennessee Univ., Knoxville.

This project seeks to determine the vocational education needs of Hancock County, the public opinions of residents of the county toward vocational education programs, and the vocational curriculum that would be relevant to the area.

SB004916

A Study of the Vocational Needs of Union County.
Project Director: Temple, Charles M.
Organization: Tennessee Univ., Knoxville.

This project seeks to determine the vocational education needs of Union County, the public opinions of residents of the county toward vocational education programs, and the vocational education programs that would be relevant to the area.

SB004917

Relationships Among Selected Occupational Experience Programs in Secondary Schools.
Project Director: Todd, John D.
Organization: Tennessee Univ., Knoxville.

Objectives for this project include determining the differences among pupils according to various patterns of occupational experience in relation to job satisfaction, school attendance, school achievement, and attitude toward preparation for the world of work and determining the correlation between the pupils' job satisfaction

and attitude toward preparation for the world of work.

Fiscal Year 1972

SB004918

A Self-Contained Mathematics Package to Supplement the Mathematics Curriculum in the Teaching of Elementary Trigonometric Functions.
Project Director: Martin, Weymouth H.
Organization: Nashville State Technical Inst., Tenn.
Funding Period: Start Date 1 Oct 71; End Date 1 Dec 71
Contract and/or Control No.: 001

This project seeks to prepare a package to approach math through different media. The three media developed will be a slide presentation with sound, a transparency presentation with sound, and a booklet to accompany the other presentations or to be used by itself.

SB004919

A Follow-Up Study of the 1969 and 1970 Business Majors of Bradley Central High School, Cleveland, Tennessee.
Project Director: Baldree, Edith B.
Organization: Bradley County School System, Cleveland, Tenn.
Funding Period: Start Date 1 Dec 71; End Date 30 Apr 72
Contract and/or Control No.: 002

This project seeks to complete a follow-up study of the 1969 and 1970 graduates who completed a major in business education. The specific objectives are to gain general information about the graduates (residence, marital status, college or other training after graduation), employment information about the graduates (present occupations, employment record, length of service), and student reactions to their high school training.

SB004920

Project NITRO - New Information to Release Opportunities: A Plan for Disseminating Information Relative to All Phases of a New Vocational-Technical School.
Project Director: Calkin, William J.
Organization: Greeneville City Schools, Tenn.
Funding Period: Start Date 3 Jan 72; End Date 3 Apr 72
Contract and/or Control No.: 003

This project will provide a method for disseminating information regarding the opportunities available at a new vocational and technical school. The specific objectives include providing parents, students, and teachers with information about vocational training programs; providing civic organizations, news media, and other groups information about the program and its long-range effects; and providing an instrument for measuring the attitude of the group receiving the information.

SB004921

Career Orientation - An Exploratory Approach.
Project Director: Milchin, Gerald W.
Organization: Morristown City Board of Education, Tenn.
Funding Period: Start Date 15 Aug 71; End Date 30 Jun 74
Contract and/or Control No.: 004

This project aims to develop a senior high career orientation program. The orientation program will be preceded by a community needs survey and followed by a placement service.

SB004922

Incentive Program for Students in Vocational Agriculture.
Project Director: Colvett, Fred
Organization: Hamlett-Robertson High School, Crockett Mills, Tenn.
Funding Period: Start Date 1 Jan 72; End Date 30 May 72
Contract and/or Control No.: 005

This project seeks to provide students with an incentive program of materials to see if they will do more and better work in their shop projects. Students will be provided with materials to construct projects selected by them. When the projects are completed, the students will be encouraged to sell them.

SB004923

A Study of the Vocational Needs of Greenfield High School.
Project Director: Moore, Jerry L.
Organization: Weakley County Board of Education, Dresden, Tenn.
Funding Period: Start Date 1 Dec 71; End Date 1 May 72
Contract and/or Control No.: 006

This project seeks to determine the opinion of the residents of Greenfield toward vocational and technical programs, the interests and occupational plans of high school students, the interests of parents of students in vocational and technical education, and the opinion of vocational and technical education held by educators.

SB004924

Follow-Up Study of Vocational Students in Smith County.
Project Director: Wilburn, Mary F.
Organization: Smith County Board of Education, Carthage, Tenn.
Funding Period: Start Date 15 Dec 71; End Date 15 Jun 72
Contract and/or Control No.: 007

This project will conduct a follow-up survey of the vocational and technical education students of Smith County High School. Specific objectives include determining the percentages of students working in their majors, the value of the program to past students, the employment and unemployment rates of graduates, the average salary of graduates working in their major areas, and what the graduates thought of their vocational courses.

SB004925

Planning of Program and Facility Needs for Cocke County Schools with Special Emphasis on Occupational Education.
Project Director: Smith, Bobby L.
Organization: Tennessee Univ., Knoxville. Occupational Research and Development Coordinating Unit.
Funding Period: Start Date 30 Nov 71; End Date 31 Jan 72
Contract and/or Control No.: 008

To prevent the potential closing of all schools in the Cocke County system, due to a loss of state funds, the Board of Education is obligated to develop and provide assurance to the State Department of Education that adequate building plans will be developed and implemented for elementary, secondary, and vocational programs within the next few months. This project seeks to provide that assurance and implement a comprehensive school plant facility plan.

SB004926

Build to Grow.
Project Director: Boynton, Carl
Organization: Bledsoe County Board of Education, Pikeville, Tenn.
Funding Period: Start Date 30 Aug 71; End Date 30 Jun 72
Contract and/or Control No.: 009

This project seeks to develop a basic prevocational training program for elementary students. Specific objectives include (1) evaluating the prevocational program's effect on the academic achievement of the students, (2) developing an awareness of occupations and their meaning, (3) providing occupational orientation and exploration for elementary students (grades 6-8), and (4) providing related occupations guidance and counseling to students.

SB004927

A Follow-Up Study to Measure the Effectiveness of an Adult Vocational Class for Electricians.
Project Director: Grigsby, James W.
Organization: Marion County Board of Education, Jasper, Tenn.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 72
Contract and/or Control No.: 010

This project will measure the effectivesness of an adult vocational class for electricians. Specific objectives are to analyze the effectiveness of an eight-week class on electrical theory designed to help electricians maintain federal standards and develop a constructive criticism and evaluation of the class so electricians can maintain a high efficiency in the mines and future classes will be improved.

SB004928

Multi-Media Approach to Individualized Instruction in Automatic Transmissions - Diagnosis and Overhaul.

Project Director: Anderson, James
Organization: McMinn County Board of Education, Athens, Tenn.
Funding Period: Start Date 1 Feb 72; End Date 31 Jan 73
Contract and/or Control No.: 011

This project aims to develop a coordinated training program in automatic transmission which would be used by the students on an individual basis. Specific objectives include development of individualized training packages in automatic transmission, incorporation of a multimedia approach, evaluation of the entire program, and the development of a program designed to meet the needs of individuals desiring employment in typical repair shops in the area.

SB004929

Development of a Programmed Unit in Mail Service.
Project Director: Cress, Elizabeth A.
Organization: Anderson County Board of Education, Clinton, Tenn.
Funding Period: Start Date 1 Feb 72; End Date 31 Aug 72
Contract and/or Control No.: 012

The purpose of this project is to develop, test, and evaluate lessons of programmed instructional material in mail service for use in vocational office education programs. The unit will be used by students in the senior vocational office education program.

SB004930

Career Education - Establishment of an Occupational and Volunteer Service Placement Office.
Project Director: Bailey, Carol
Organization: Oak Ridge Schools, Tenn.
Funding Period: Start Date 1 Mar 72; End Date 30 Jun 72
Contract and/or Control No.: 013

The intent of this project is to develop an occupational and volunteer service placement office. The program will include placement of students requesting part-time and full-time jobs and volunteer service work. The program will be evaluated.

SB004931

Follow-Up of Vocational Graduates of Haywood County Schools.
Project Director: Smith, Hallum
Organization: Haywood County Board of Education, Brownsville, Tenn.
Funding Period: Start Date 1 Jan 72; End Date 31 Dec 72
Contract and/or Control No.: 014

The purpose of this project is to determine the status of vocational graduates of Haywood County High School one, three, and five years after graduation. A system will be established so that follow-up can be done continuously. The objective is to make the vocational curriculum more relevant to the skill market.

SB004932

A Survey to Determine the Vocational Needs of the Community.
Project Director: Martin, Joe W.
Organization: Hardeman County School District, Bolivar, Tenn.
Funding Period: Start Date 3 Feb 71; End Date 14 May 72
Contract and/or Control No.: 015

The objectives of the project are to determine the employment opportunities for vocational students and determine the vocational skills most needed to find employment in Hardeman County.

SB004933

Follow-Up Study of the Graduates of Distributive Education, Central High School, Shelbyville, Tennessee.
Project Director: Price, Mildred A.
Organization: Bedford County Board of Education, Shelbyville, Tenn.
Funding Period: Start Date 1 Mar 72; End Date 30 Oct 72
Contract and/or Control No.: 016

By analyzing the distributive education graduates of Central High School, this project seeks to demonstrate the importance of that program to the community and the school and illustrate the needs of the program as it now exists. Objectives include determining the percentage of graduates in their major field of study and determining the value of the distributive education program to past students.

SB004934

Pre-Employment Laboratory Training in Occupational Child Care.
Project Director: Windham, Mary Jane
Organization: Rutherford County Board of Education, Tenn.
Funding Period: Start Date 1 Mar 72; End Date 30 Jun 72
Contract and/or Control No.: 017

The purpose of the project is to develop a laboratory nursery school within the structure of a child care training program. The laboratory will be used to augment the formal child development instruction and will give trainees actual work experience under the supervision and instruction of the child care program.

SB004935

Supplementing Instruction with Sound on Slides and Work Sheets.
Project Director: Allen, James D.
Organization: Hawkins County School Board, Rogersville, Tenn.
Funding Period: Start Date 1 Mar 72; End Date 31 Jul 72
Contract and/or Control No.: 018

The intent of the project is to develop an effective means of supplementing the demonstration of basic skills in the vocational agriculture mechanics program using an audio/slide presentation and work sheets. Three slide programs will be developed, the effectiveness of the presentations will be determined, and the slide presentations will be compared with traditional instruction.

SB004936

Student Placement and Guidance.
Project Director: McReynolds, Kathryn
Organization: Central High School, Savannah, Tenn.
Funding Period: Start Date 1 Apr 72; End Date 30 Dec 72
Contract and/or Control No.: 019

This project seeks to develop curriculum guidelines and procedures to assist students between the ages of sixteen and twenty-two in career building and planning, job seeking, job holding, and progression in employment. The job placement office will consult with the school administration regarding the formulation and revision of curriculum to more adequately fulfill the vocational needs of the students and labor market.

SB004937

Follow-Up of Vocational Graduates of Lake County High School and Survey of Job Placement.
Project Director: Avery, Will Ann
Organization: Lake County Board of Education, Tiptonville, Tenn.
Funding Period: Start Date 1 Apr 72; End Date 1 Apr 73
Contract and/or Control No.: 020

The purpose of the project is to determine the status of 1969, 1970, and 1971 vocational graduates of Lake County High School and analyze the extent to which they are using the skills acquired in their high school training. The project will also determine the number of students who completed vocational courses and were hired by local businesses compared with those hired for corresponding jobs who had not completed high school vocational courses.

SB004938

Drafting Skills and Related Knowledge Needed for Employment in Engineering and Architecture.
Project Director: Dlugach, Samuel G.
Organization: Memphis City Board of Education, Tenn.
Funding Period: Start Date 10 Mar 72; End Date 1 Jun 72
Contract and/or Control No.: 021

The intent of the project is to determine the skills and knowledge needed for employment as an architectural or engineering draftsman. Specific objectives include reviewing the literature to determine what is being offered in architectural and engineering drafting courses and developing a questionnaire to be sent to architectural and engineering firms to ascertain the skills and knowledge these firms want their draftsmen to have.

SB004939

Planning and Evaluation Skills Workshop.
Project Director: Schaerer, John W.

Organization: Tennessee Univ., Knoxville. Occupational Research and Development Coordinating Unit.
Funding Period: Start Date 19 Jun 72; End Date 21 Jun 72
Contract and/or Control No.: 022

The purpose of the project is to account for and describe the planning and evaluation workshop provided by the Chattanooga Public School District. The objectives for the workshop will be stated in performance terms and related to specific skills including needs assessment analysis, developing and writing performance and process objectives, and application of monitoring techniques.

SB004940

Career Information: An Experiment in the South Side Community, Memphis, Tennessee.
Project Director: Tucker, Dwayne
Organization: Memphis City School System, Tenn.
Funding Period: Start Date 1 Apr 72; End Date 31 Jan 73
Contract and/or Control No.: 023

To improve the career information possibilities in the Memphis School System, this project seeks to institute a marketing and distribution career information program in the feeder schools of South Side High School, improve and expand the marketing and distribution career understanding of elementary and junior high students in the South Memphis area, and involve current vocational education students in instituting such a program.

SB004941

The Learning Packet Approach to Teaching Auto Mechanics/Basic Electricity.
Project Director: Marsh, James
Organization: Memphis City School System, Tenn.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 024

This project seeks to research, develop, implement, and evaluate use of individualized instruction in trade and industrial education. Learning packets in automotive mechanics and basic electricity will be used to incorporate the concept of individualized instruction in improving the level of achievement.

SB004942

A Study of the Needs of the Vocational Home Economics Program and the Development of a Course in Bachelor Living for the Maury City Public School.
Project Director: Smith, Carolyn
Organization: Maury City Public School, Tenn.
Funding Period: Start Date 28 Aug 72; End Date 17 May 73
Contract and/or Control No.: 025

The aims of the project are to develop curriculum guidelines, procedures, and materials for a course in bachelor living for boys and survey Crockett County employers to determine the employment opportunities for these boys after graduating from high school.

SB004943

A Community Educates Itself on the Training Facilities Available in Tennessee to High School Graduates.
Project Director: Wiberly, Lois
Organization: Farragut High School, Concord, Tenn.
Funding Period: Start Date 1 Sep 72; End Date 30 May 73
Contract and/or Control No.: 026

The objective of this project is to develop a set of local resources that could help a high school student make more appropriate and realistic decisions about post high school vocational training. Parents and students will be organized into a working coalition to develop an awareness of occupational trends and undertake an indepth study of the alternatives available to high school graduates.

SB004944

An Emphasis in Student Vocational Education and a Study of Community Vocational Opportunities.
Project Director: Richardson, Tommie
Organization: Alamo City School, Tenn.
Funding Period: Start Date 1 Nov 72; End Date 30 Jun 73
Contract and/or Control No.: 027

The purpose of the project is to provide career information for students through vocational courses. Crockett County employers will be surveyed to determine employment opportunities for high school graduates, and students will be assisted in job seeking and keeping a job.

SB004945

Follow-Up of Green Brier High School Graduates and a Survey of Their Places of Employment.
Project Director: Evans, Shirley
Organization: Robertson County Board of Education, Springfield, Tenn.
Funding Period: Start Date 1 Dec 72; End Date 30 Nov 73
Contract and/or Control No.: 028

This project seeks to contact 1969, 1971, and 1972 graduates to ask them to rate their most helpful school subjects, suggest curriculum changes, and rate the extent to which they use vocational training in their present jobs. The employers will then be contacted to determine whether they feel the high school is adequately preparing students to enter the business world.

SB004946

Student Placement and Guidance.
Project Director: Newman, Evelyn
Organization: Westview High School, Martin, Tenn.
Funding Period: Start Date 1 Nov 72; End Date 25 May 73
Contract and/or Control No.: 029

This project intends to provide a program for student guidance and placement and survey community businesses and industry to determine available jobs and jobs soon to become available.

SB004947

A Course in Basic Plant Science Using Individualized Instruction for First Year Vocational Agriculture Students.
Project Director: Farmer, Buddy L.
Organization: Elizabethton High School, Tenn.
Funding Period: Start Date 1 Dec 72; End Date 1 Jul 73
Contract and/or Control No.: 030

The purpose of the project is to provide a program of individualized instruction in plant science for first year vocational agriculture students.

SB004948

Developing Job Sheets and Related Aids for Individualized Instruction in the Machine Shop Program at Smyrna High School.
Project Director: Shipp, Robert E.
Organization: Rutherford County Board of Education, Tenn.
Funding Period: Start Date 1 Jan 73; End Date 15 Apr 74
Contract and/or Control No.: 031

The objective of the project is three-fold: (1) to develop individualized instructional job sheets for machine shop, grades 11 and 12; (2) to develop supplementary instructional aids such as transparencies, charts, and drawings to simplify instruction; and (3) to evaluate individualized instructional job sheets and supplementary aids in terms of suitability.

SB004949

An Approach to Individualized Study in Vocational Agriculture at Gallatin Senior High School.
Project Director: Redmon, J. J.
Organization: Sumner County Board of Education, Tenn.
Funding Period: Start Date 1 Nov 72; End Date 30 Jun 74
Contract and/or Control No.: 032

The objectives of the project are to design, staff, and implement an individualized learning center for small engine study and compare, using teacher-made tests, individualized study to group instruction.

SB004950

Developing a Career Curriculum Guide for Vocational English at Green Brier High School.
Project Director: Hand, Doris M.
Organization: Robertson County Board of Education, Springfield, Tenn.
Funding Period: Start Date 1 Jan 73; End Date 30 Dec 73
Contract and/or Control No.: 033

The purpose of the project is to compile a curriculum guide for a career English course for twelfth grade students and correlate this guide with other vocational activities. To ascertain the needs of

students entering the working world, questionnaires will be given to representative juniors and seniors and employers of graduates of the high school.

SB004951

Job Placement Services: An Exploratory Program - Hiwassee College, 1972-73.
Project Director: Sheets, Margaret J.
Organization: Hiwassee Coll., Madisonville, Tenn.
Funding Period: Start Date 1 Jan 73; End Date 30 May 74
Contract and/or Control No.: 034

The intent of the project is to provide an effective job placement program uniquely applicable to the Hiwassee College student, develop instruments to implement such a program, and expand existing services to students desiring off-campus, part-time, and summer employment.

SB004952

A Series of Self-Contained Mathematics Packages to Supplement the Mathematics Curriculum in the Following Areas: The Pythagorean Theorem and Its Applications; Sets and Their Properties; Scientific Notation; an Introduction to Vectors and Basic Applications.
Organization: Nashville State Technical Inst., Tenn.

Descriptive information unavailable.

SB004953

A Conference to Explore the Need for Viable Career Education and Its Concomitant Effect Upon Facilities.
Organization: Tennessee Univ., Knoxville. Coll. of Education.

Descriptive information unavailable.

SB004954

Elementary INFOE Report.
Project Director: Cameron, Walter A.
Organization: Tennessee Univ., Knoxville. Occupational Research and Development Coordinating Unit.

This project seeks to assess the feasibility of establishing an articulated program of career information for students at the elementary school level. A total of fifteen career clusters will be presented to students at each of the grade levels 4, 5, and 6.

SB004955

Evaluation Model--Vocational-Technical Project.
Organization: Tennessee Univ., Knoxville. Coll. of Education.

Descriptive information unavailable.

Fiscal Year 1973

SB004956

Five Year Projections: Demand for Vocational-Technical Education Output.
Organization: Memphis State Univ., Tenn. Center for Manpower.

Descriptive information unavailable.

SB004957

Twenty-Year Projections: Labor Force Population, and Demand in the Seven Services.
Organization: Memphis State Univ., Tenn. Center for Manpower.

Descriptive information unavailable.

SB004958

Mini-Grants
Organization: Tennessee State Dept. of Education, Nashville.

Descriptive information unavailable.

SB004959

Evaluation.
Organization: Tennessee State Dept. of Education, Nashville.

Descriptive information unavailable.

SB004960

Cost Analysis of Secondary School Vocational-Technical Education Programs.
Project Director: Harris, George W., Jr.
Organization: Tennessee Univ., Knoxville. Occupational Research and Development Coordinating Unit.

The purpose of the project is to determine the cost per pupil contact hour for each vocational and technical program category or course within a selected sample of high schools, compute the existing or current cost of a vocational and technical program, and provide long-range costs for program courses and categories.

SB004961

Management Information System.
Project Director: Bice, Garry R.
Organization: Tennessee Univ., Knoxville. Coll. of Education.

A cooperative effort of more than 150 autonomous local agencies, the Tennessee Management Information System Project seeks to collect and store as much data relevant to public vocational education as practical consideration will allow. Objectives include gathering and storing data on the smallest possible reporting unit (an individual student) and providing data tabulations for use at the state level as a whole and to smaller administrative units.

SB004962

Multi-Media Information Approach to Guidance and Counseling for Engineering and Business Data Processing Technologies.
Organization: Nashville State Technical Inst., Tenn.

Descriptive information unavailable.

Fiscal Year 1974

SB004963

Research Coordinating Unit Mini-Grants.
Organization: Tennessee Univ., Knoxville.

Descriptive information unavailable.

Fiscal Year 1975

SB004964

The Tennessee Management Information System.
Project Director: Bice, Garry R.
Organization: Tennessee Univ., Knoxville. Occupational Research and Development Coordinating Unit.

A cooperative effort of more than 150 autonomous local agencies, the Tennessee Management Information System Project seeks to collect and store as much data relevant to public vocational education as practical consideration will allow. Objectives include gathering and storing data on the smallest possible reporting unit (an individual student) and providing data tabulations for use at the state level as a whole and to smaller administrative units.

SB004965

Occupational Information System Development.
Project Director: Cameron, Walter A.
Organization: Tennessee Univ., Knoxville. Occupational Research and Development Coordinating Unit.

This project seeks to provide an occupational information program to serve grades K-14. K-14 INFOE (Information Needed for Occupational Education) is an articulated state-wide information program which consists of four specific components: (1) primary INFOE, for students K-3; (2) elementary INFOE, for students in grades 4-6; (3) junior high INFOE, for students in grades 7-9; and (4) secondary INFOE, for students in secondary and postsecondary education.

Fiscal Years 1976-1977 - No Projects Reported

Part D

Fiscal Year 1970

SB004966

Contemporary Curriculum for Career Development.
Organization: Knox County Board of Education, Knoxville, Tenn.
Descriptive information unavailable.

Fiscal Year 1971

SB004967

Contemporary Curriculum for Career Development.
Organization: Knox County Board of Education, Knoxville, Tenn.
Descriptive information unavailable.

SB004968

Pre-Technical Institute Deficiency Program.
Organization: Nashville State Board of Vocational Education, Tenn.
Descriptive information unavailable.

Fiscal Year 1972

SB004969

Contemporary Curriculum for Career Development.
Organization: Knox County Board of Education, Knoxville, Tenn.
Descriptive information unavailable.

SB004970

Pre-Technical Institute Deficiency Program.
Organization: Nashville State Board for Vocational Education, Tenn.
Descriptive information unavailable.

Fiscal Year 1973

SB004971

Tractor Trailer Training.
Organization: Knoxville Public Schools, Tenn.
This project seeks to provide training in truck driving to those twenty-one years of age or older with a tenth grade education; instill the qualifications necessary for employment, such as attitude and job competency in the trucking industry; and ease the critical shortage of truck drivers. Beginning February 1, 1974, twenty selected and qualified students will be enrolled as full-time trainees.

SB004972

Fluid Mechanics.
Organization: Tennessee State Dept. of Education, Nashville.
This project seeks to provide training in fluid mechanics so as to meet industry demands in Tennessee. Beginning February 1, 1974, twenty selected and qualified students will be enrolled as full-time trainees, with two instructors. Any applicant seventeen or older possessing mental and physical qualities sufficient to meet the industry's requirements will be eligible for the program.

SB004973

Welding Training Program.
Organization: Oak Ridge Schools, Tenn.
Descriptive information unavailable.

Fiscal Year 1974

SB004974

A Local Plan for the Handicapped or Young Adult Disadvantaged and Special Programs.
Organization: Oak Ridge Schools, Tenn.
Funding Period: Start Date 1 Sep 73; End Date 30 Jun 74
A cooperative arrangement between Oak Ridge Schools and the Training and Technology Project, this exemplary project seeks to provide vocational education for the handicapped or young adult disadvantaged and special program student in machining, welding, industrial electricity, physical testing, and mechanical operations.

SB004975

Prospectus for Fluid Systems Maintenance Training.
Project Director: Sandlin, J. L.
Organization: Nashville State Area Vocational-Technical School, Tenn.
Funding Period: Start Date 1 Feb 74; End Date 30 Jun 74
This project seeks to provide training in fluid mechanics so as to meet industry demands in Tennessee. Beginning February 1, 1974, twenty selected and qualified students will be enrolled as full-time trainees, with two instructors. Any applicant seventeen or older possessing mental and physical qualities sufficient to meet the industry's requirements will be qualified for the program.

SB004976

Prospectus for Truck Driver Training.
Project Director: Kitts, D. L.
Organization: Knoxville State Regional Vocational-Technical School, Tenn.
Funding Period: Start Date 4 Feb 74; End Date 28 Jun 74
This project seeks to provide training in truck driving to those twenty-one years of age or older with a tenth grade education; instill the qualifications necessary for employment, such as attitude and job competency in the trucking industry; and ease the critical shortage of truck drivers. Beginning February 1, 1974, twenty selected and qualified students will be enrolled as full-time trainees.

SB004977

An Exemplary Project in Vocational Education Curriculum Design.
Organization: Hamilton County Schools, Chattanooga, Tenn.
Descriptive information unavailable.

SB004978

Prospectus for Fluid Systems Maintenance Training.
Project Director: Sandlin, J. L.
Organization: Nashville State Area Vocational-Technical School, Tenn.
Funding Period: Start Date 1 Feb 74; End Date 30 Jun 74
This project seeks to provide training in fluid mechanics so as to meet industry demands in Tennessee. Beginning February 1, 1974, twenty selected and qualified students will be enrolled as full-time trainees, with two instructors. Any applicant seventeen or older possessing mental and physical qualities sufficient to meet the industry's requirements will be qualified for the program.

SB004979

Prospectus for Truck Driver Training.
Project Director: Kitts, D.L.
Organization: Knoxville State Regional Vocational-Technical School, Tenn.
Funding Period: Start Date 4 Feb 74; End Date 28 Jun 74
This project seeks to provide training in truck driving to those twenty-one years of age or older with a tenth grade education; instill the qualifications necessary for employment, such as attitude and job competency in the trucking industry; and ease the critical shortage of truck drivers. Beginning February 1, 1974, twenty selected and qualified students will be enrolled as full-time trainees.

SB004980

Vocational-Technical Education.
Organization: Oak Ridge Schools, Tenn.
Descriptive information unavailable.

Fiscal Year 1975

SB004981 VTP-1528

Pre-Vocational Model.
Project Director: Nunley, Raymond H.
Organization: Rutherford County Board of Education, Murfreesboro, Tenn. Dept. of Vocational Education.
Funding Period: Start Date 8 Jul 74; End Date 19 Jul 74

The goals of this project are to develop understanding of the legislation on Comprehensive Vocational Education and the concept of prevocational education, develop and produce instructional materials and activities for use in prevocational programs, develop scheduling patterns and student rotation plans, and identify useful community and instructional resources. This project is designed to improve the performance of students in the basic subject areas. The faculty will meet ten times during the year to assist with the project.

SB004982 VTP-1526

An Exemplary Project in Vocational Education Curriculum Design in Hamilton County.
Project Director: McConnell, Sam P.
Organization: Hamilton County Schools, Chattanooga, Tenn.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to reorganize the grade pattern and career emphasis in grades K-12, better utilize instructional space at the feeder schools and the Vocational Education Center, expand community involvement, develop prevocational curriculum design, and develop a vocational course manual.

SB004983

Training in Technology.
Organization: Oak Ridge Board of Education, Tenn.
Descriptive information unavailable.

Fiscal Years 1976-1977 - No Projects Reported

TEXAS

Part C

Fiscal Year 1971

SB004984 **VTP-156**

Training Paraprofessionals to Serve the Deaf.
Project Director: Helton, Louise B.
Organization: Dallas County Junior Coll. District, Tex.
Funding Period: Start Date 1 Oct 71; End Date 30 Jun 72

The purpose of this project is to train individuals at the paraprofessional level to help meet the special needs of the deaf so that they may achieve the education and training that is commensurate with their abilities. The total training program is two years, but there will be a one-year program with a six-week summer session.

SB004985 **VTP-393**

Planning the Implementation of a Business Education Learning System (BELS).
Project Director: Pasewark, William R.
Organization: Texas Tech Univ., Lubbock.
Funding Period: Start Date 2 Jan 71; End Date 30 Jun 71

The purpose of the project is to develop a plan for implementing a business education learning system. Priority tasks, courses, an office service center, and the budget will be developed and/or determined. A procedure will be developed for selecting and preparing simulated and programmed instructional materials, and a literature review will be conducted.

SB004986 **VTP-247**

An Employment Analysis of Deaf Workers in Texas.
Project Director: Tutt, Bobbye
Organization: Texas School for the Deaf, Austin.
Funding Period: Start Date 1 Feb 71; End Date 31 Jan 72

The objective of this study is to obtain detailed information through a study of former students and clients of the Texas School for the Deaf and of the Rehabilitation Commission. The information will be used to plan new vocational programs, modify existing programs for deaf students, and plan more effective retraining through the Rehabilitation Commission.

SB004987 **VTP-385**

A Study of Nondestructive Testing and Inspection Processes Used in Industry with Implications for Program Planning in the Junior Colleges of Texas.
Project Director: Stokes, Vernon L.
Organization: North Texas State Univ., Denton.
Funding Period: Start Date 1 Mar 71; End Date 31 Aug 71

The objective of this project is to survey selected manufacturing and service companies to obtain information pertaining to nondestructive testing and inspection processes. A comprehensive questionnaire and personal interviews will be used to obtain the information. Results will be analyzed and formulated into a curriculum which will be recommended for junior college use.

SB004988 **VTP-239**

Measurement of Institutional Effectiveness in Vocational Education: an Exploratory Study.
Project Director: Riley, Lewis Bonnell
Organization: Permian Junior Coll., Odessa, Tex.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this study is to develop, assemble, and analyze possible measures for determining institutional effectiveness of postsecondary institutions to meet expectations for productivity in vocational education and apply those measures to selected institutions. Expectations for productivity will be determined from examination of documents and other literature and from interviews.

SB004989 **VTP-386**

Search for Common and Unique Teaching Skills and Knowledge in Occupational Education and Technology at the Post-Secondary Level.
Project Director: Pope, Billy N.
Organization: Educational Personnel Development Consortium D, Richardson, Tex.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The goals of this project are to identify the needed teaching skills and knowledge common to all areas of vocational and technical teaching and utilize this data in developing a model for professional improvement of postsecondary vocational and technical personnel. The instruments will be field tested before they are mailed to a predetermined sample of vocational and technical teachers. The data will then be analyzed and interpreted.

SB004990 **VTP-365**

Curriculum Development for Electronic Instrumentation.
Project Director: McKay, Charles
Organization: Lee Coll. District, Baytown, Tex.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to develop a proposed curriculum for electronic instrumentation to meet the changing needs of industries. Industries will be contacted to assess the needs and priorities, and manufacturers will be contacted for their assistance. A proposed curriculum will be discussed, worked on, and developed. The curriculum would provide the instrument instructors with guidelines for more effective implementation of a program.

SB004991 **VTP-232**

The Mexican-American in Texas: A Study of His Occupational Education.
Project Director: Williams, Earl J.
Organization: Houston Univ., Tex. Center for Human Resources.
Funding Period: Start Date 1 Jul 71; End Date 31 Dec 72

The goal of this project is to document the status and effectiveness of occupational education and its related activities for the Texas Mexican-American. The purpose is to provide accurate data which will serve as a basis for recommendations of design and implementation of a program. Two thousand Mexican-American youths and adults will be interviewed, as well as school officials, civic leaders, and employers.

SB004992 **VTP-391**

The Development of Evaluative Criteria for Training of the Handicapped.
Project Director: Meyer, Judith J.
Organization: Houston Univ., Tex. Center for Human Resources.
Funding Period: Start Date 1 Aug 71; End Date 30 Jun 72

The objective of this project is to develop a set of guidelines for evaluating pilot proposals for training the handicapped. The project also proposes to develop a set of guidelines for school districts to follow in designing such programs and a self-evaluation guide for program monitoring. Published materials pertinent to the topic will

be examined, significant programs will be visited, and experts in the field will be interviewed.

SB004993

A Systems Approach to Placement and Follow-Up–A Computer Model.
Project Director: Jones, Charles B.
Organization: Bryan Independent School District, Tex.
Funding Period: Start Date 1 Aug 71; End Date 30 Jun 73

The goals of this program are to develop a model for placement and follow-up services for public schools and devise forms and procedures of record keeping that will permit the computer to assist the counselor. Procedures will include development of necessary software, contact with students terminating schooling to assist them in employment or further training, follow-up of each contact, data analysis, and report of the results.

SB004994 **VTP-246**

A Pilot Project to Develop, Initiate and Evaluate a Postsecondary Program in Oceanic and Marine Technology.
Project Director: Middleton, E. D., Jr.
Organization: Brazosport Coll., Tex.
Funding Period: Start Date 1 Sep 71; End Date 31 May 72

The aim of this project is to use a seagoing vessel as a floating laboratory in training students to develop skills related to the operation, maintenance and light repair of vessels. The project will use a feasibility study or pilot activity to develop, initiate, and evaluate a postsecondary program in oceanic and marine technology. Twenty-five to thirty students enrolled in this area will study oceanic and marine technology in a classroom situation with guest lectures, field trips, and multimedia presentations.

SB004995 **VTP-245**

Analysis of a New Concept and Implementation in Cooperative Health Training.
Project Director: Keefe, Betty Miles
Organization: Galveston Coll., Tex.
Funding Period: Start Date 1 Oct 71; End Date 1 Jun 72

The aims of this project are to evaluate and document the curricula of the cores and study tracks; show how the curricula were conceived, implemented, and accredited; and submit a comprehensive analysis of the whole program. The project is divided into five segments with specific procedures stipulated for the principal investigator regarding study, observation, interviewing, evaluating, writing, and editing.

SB004996 **VTP-392**

Refinement and Further Development of the Architectural Technology Curriculum.
Project Director: Howald, J. Carter
Organization: Del Mar Coll., Corpus Christi, Tex. Dept. of Architectural and Drafting Technology.
Funding Period: Start Date 13 Apr 71; End Date 30 Jun 72

The objectives of this project are to refine the present architectural technology program and review other similar programs to establish a working curriculum that will be the nucleus of a state-wide occupational education plan, coordinate the current needs of architecture and the means to fulfill the needs, and set up the mechanics for a certified architectural technicians program. Current attitudes, opinions, and practices of existing programs will be researched and evaluated to recommend a unified workable curriculum.

SB004997 **VTP-343**

Planning a Training Program for the Mentally Retarded in the Areas of Food Preparation and Service.
Project Director: Mattson, Bruce D.
Organization: Texas Tech Univ., Lubbock. Dept. of Special Education.
Funding Period: Start Date 1 Oct 70; End Date 31 May 71

The objectives of this project are to explore the professional literature for information on training programs and curricula related to food services personnel with emphasis on the programs designed for the mentally retarded; procure relevant program syllabi, curricular materials, and consultant vitae; visit training programs; and determine criteria for evaluating the efficacy of the proposed training program. Graduate assistants will obtain the information, and identified resource persons will provide evaluation and ideas for program development.

SB004998 **VTP-414**

The American Indian in Dallas County: An Exploratory Study of His Occupational and Educational Needs.
Project Director: Taylor, Matthew
Organization: Dallas County Junior Coll. District, Tex.
Funding Period: Start Date 1 Nov 71; End Date 30 Jan 73

The goal of this project is to survey Dallas County's urban America Indian population to determine occupational and educational needs, if and how needs are being met, and what role Dallas County Junior College District should play in meeting those needs. Survey teams composed of American Indians trained to conduct door-to-door interviews will gather information. Project staff will analyze data obtained, survey existing programs and agencies, and make recommendations.

SB004999 **VTP-424**

A Study to Determine the Need for Occupational Education in Five (5) South Plains Counties.
Project Director: McMaster, Gene W.
Organization: Plainview Independent School District, Tex.
Funding Period: Start Date 1 Oct 71; End Date 30 Jun 72

This study is designed to obtain statistical information to prove either a lack of need or a need for postsecondary training in occupational and technical areas, and to show how many courses are offered and how many students have access to the programs. The project staff will gather the information from the population through selective survey, interview, and statistical notation.

SB005000 **VTP-390**

A Systems Approach to Placement and Follow-Up–A Computer Model.
Project Director: Jones, Charles B.
Organization: Bryan Independent School District, Tex.
Funding Period: Start Date 1 Aug 71; End Date 30 Jun 73

The goals of this program are to develop a model for placement and follow-up services for public schools and devise forms and procedures of record keeping that will permit the computer to assist the counselor. Procedures will include development of necessary software, contact with students terminating schooling to assist them in employment or further training, follow-up of each contact, data analysis, and report of the results.

SB005001 **VTP-479**

A Project for Training School Personnel in the Use of Vocational Curricula and Group Vocational Guidance Techniques.
Project Director: Clark, Ross D.
Organization: Educational Personnel Development Consortium C, Houston, Tex.
Funding Period: Start Date 1 Dec 71; End Date 30 Jun 72

The project seeks to train Education Service Center Guidance coordinators, university staff, and secondary school personnel to implement and maintain group vocational guidance programs on the secondary level. One- and two-day workshops together with on-site consultation and technical assistance constitute the training to be provided. Manuals and curriculum materials will be furnished.

SB005002 **VTP-445**

High School Career Interest and Information Survey, Phase I.
Project Director: Webb, Morris S.
Organization: Texas State Technical Inst., Waco.
Funding Period: Start Date 1 Dec 71; End Date 31 May 72

The purpose of this project is to pilot test several procedures for surveying secondary school student career interests at various grade levels. Effectiveness and costs of the methods used will be assessed. Methodology includes use of questionnaires, tests, and evaluation of various types of form distribution. Results will be tabulated and analyzed by computer.

SB005003 VTP-447

Coping Styles and Achievement.
Project Director: Peck, Robert F.
Organization: Texas Univ., Austin. Personality Research Center.
Funding Period: Start Date 1 Dec 71; End Date 31 May 72

The goal of this project is to complete a large-scale, cross-cultural study begun in 1965, which will obtain data on the aptitudes, occupational aspirations, occupational values, coping styles, and achievement of 12,000 children from eight countries. The project will analyze the minority group data and prepare seven volumes of reports on the findings of the total study.

SB005004 VTP-520

Manpower-Economic Education Project to Improve Teachers' and Pupils' Occupational Employment Knowledge and Attitudes.
Project Director: Abernathy, Lewis M.
Organization: North Texas State Univ., Denton.
Funding Period: Start Date 1 Dec 71; End Date 30 Jun 73

The aims of this project are to make secondary school teachers effective agents of manpower-economic information dissemination and attitudinal change; increase the understanding of job opportunities; and develop key representatives of manpower information. The three-phase project will include a summer institute, experimental inservice program, and establishment of an in-house manpower education program.

SB005005 VTP-522

Industrial Careers Vestibule Program.
Project Director: Jungerman, Edward E.
Organization: Central Texas Coll., Killeen.
Funding Period: Start Date 15 Dec 71; End Date 14 Apr 72

This project will develop an industrial career training model to provide individuals with selection processes, motivation, and training for employment in specified fields. The project will involve three phases: planning and research, preparation and curriculum development, and evaluation and reporting. The Program Evaluation and Review Technique will be used to determine the success of the project.

SB005006 VTP-440

Analysis of Career Education Needs and Potential in the Austin Standard Metropolitan Statistical Area.
Project Director: Ashley, Marshel
Organization: Austin Independent School District, Tex.
Funding Period: Start Date 1 Feb 71; End Date 31 Dec 72

The goal of this project is to provide a data base upon which decisions about the efficient design and structure of educational career programs can be made, provide quality career programs through the cooperation of all citizens and groups, and develop a comprehensive plan for career education. Current and future needs of employers will be identified, and parents and students will be surveyed as well as all educational and training programs.

SB005007 VTP-444

Job Placement and Follow-Up Research for Career Development.
Project Director: Deasey, Lucylle
Organization: Harlandale Independent School District, San Antonio, Tex.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 73

This project intends to provide students leaving school with help in finding and adjusting to employment appropriate for their interests and abilities. Objectives include (1) developing an employment system to inform and assist students seeking employment, (2) developing a job bank system in cooperation with community employers, (3) developing procedures to analyze and match students' qualifications with employment opportunities, (4) providing guidance for students adjusting to an employment environment, and (5) developing a follow-up program for every student.

SB005008

Search for Effectiveness of the Occupational Orientation Programs in the State of Texas.
Project Director: Pope, Billy N.
Organization: Educational Personnel Development Consortium D, Richardson, Tex.

This project has two purposes: to collect, analyze, interpret, and report data for the 1971-72 project year and the 1972 summer institute and develop and then conduct a state-wide evaluation of 1972-73 Occupational Orientation Programs. Procedures include development and testing of instruments, and analysis and interpretation of data obtained. Findings will be given to the state and local education agencies.

SB005009

A Study to Identify Trends in Manpower Requirements for Printing Occupations in Newspaper Plants in Texas.
Project Director: Kirkpatrick, James M.
Organization: Dallas County Community Coll. District, Tex.
Funding Period: Start Date 15 Mar 72; End Date 30 Jun 72

This project seeks to determine the degree of change in technology in the newspaper printing industry and the impact of that change on workers with certain skills in that industry. Questionnaires and interviews with managers, union officials, and stereotypers will be used to gather information. Results and recommendations will be made available to schools and junior colleges to substantiate need for retraining courses.

SB005010

Human Development Instruction for Career Students in the Community College: An Exploratory Study.
Project Director: Owens, Claude
Organization: El Centro Coll., Dallas, Tex.

The purpose of this project is to survey existing student personnel programs nationwide and conduct a state-wide workshop to develop and disseminate instructional models for teaching human relations skills to technical/occupational community college students. Procedures include a data-gathering survey and a workshop, conducted by skilled consultants, for teams from various colleges.

SB005011

Evaluation of Post-Secondary Vocational Training in the Texas Department of Corrections.
Project Director: McCormick, John
Organization: Lee Coll., Baytown, Tex.

This project plans to assess the value of postsecondary training to corrections inmates following their parole or discharge. Questions to be addressed include program impact, effect on recidivism rate, job performance, job placement in the area of training, and factors contributing to failure. Procedures to be used are structured personal interview and follow-up study by mail and personal interview.

SB005012

Evaluation of Coordinated Vocational-Academic Education in Texas.
Project Director: Preston, Vonda June
Organization: Paris Junior Coll., Tex.

The aim of this project is to survey the Coordinated Vocational-Academic Education (CVAE) offerings in public schools to determine effectiveness and make recommendations for planning and future change. The project staff will conduct the survey by mail and personal interview and will evaluate the CVAE programs through comparison of dropout rates before and after program implementation.

SB005013

A Study of Construction Technology Curriculums and Construction Industry Needs, with a Suggested Approach to Curriculum Development in Building Technology Training in Texas Community Colleges.
Project Director: Rambo, Gerald
Organization: Paris Junior Coll., Tex.

It is this project's aim to provide substantiation for curriculum development in building and construction technology through (1) bibliography development, (2) identification of existing programs, (3) training needs identification, and (4) evaluation and follow-up. Procedures include literature search, program visitation, and interview with employers. A pilot program will be developed for the postsecondary level, followed by program evaluation and publication of results.

SB005014

A Comparative Study of Occupational Achievement of Vocational and Nonvocational High School Graduates in Texas.
Project Director: Laska, John A.
Organization: Texas Univ., Austin.

The objective of this project is to evaluate occupational achievement by means of a comparative survey of vocational and nonvocational graduates. Project staff will analyze data obtained from questionnaires administered to 2,800 graduates from four cities. Attention will focus in the research findings on relationship of vocational training and program type to occupational achievement.

SB005015

Preliminary Planning for Partners in Career Education: A Cooperative Career Education Learning Systems Development and Dissemination Project.
Project Director: Barton, Roger
Organization: Education Service Center Region 10, Dallas, Tex.
Funding Period: Start Date 1 May 72; End Date 30 Jun 72

This project seeks to complete the planning phase for a five-year project to develop a comprehensive career education system. The planning consists of a survey of the literature and present programs, and the development of a preliminary operations plan. Procedures include use of input from school district staff, a planning advisory committee, and a weekly management review of activity.

SB005016

Short-Term Study in Instructional Methodology for Community College Occupational Faculty: A Pilot Approach.
Project Director: Moseley, Bill R.
Organization: Paris Junior Coll., Tex.
Funding Period: Start Date 7 Jun 72; End Date 30 Jun 72

This project intends to provide formal training in instructional theory, methodology, and philosophy to postsecondary instructors to broaden and improve their teaching competence. It will include methodology classes, instruction and practice in nonprint media use, and curriculum materials development to augment practical knowledge and teacher experience with appropriate teaching.

SB005017

Implementation of Career Education.
Project Director: Agan, Ray
Organization: Sam Houston State Univ., Huntsville, Tex.
Funding Period: Start Date 1 Jun 72; End Date 30 Jun 72

The objective of this project is to plan, execute, and then measure the effectiveness of one day drive-in-workshops for elementary school admnistrators and curriculum directors. Workshops will include symposia and discussion groups, to be followed by a survey of participants to determine their shift in attitude towards and planning for incorporation of career education into the curriculum.

SB005018

Regional Development and Cordination of Allied Health Manpower Education in the Community College.
Project Director: Loe, Hardy, Jr.
Organization: Houston Univ., Tex.
Funding Period: Start Date 1 May 72; End Date 31 Jan 73

This project includes the following objectives: to determine health training needs, develop local resources for on-the-job training, foster acceptance of trainees from community college programs, and draw conclusions about existing programs. Phase I will involve collection and analysis of existing data on facilities and course offerings; Phase II will involve acquisition of new data through questionnaires to potential students and resurvey of selected institutions; Phase III will foster acceptance of graduates.

SB005019

Planning a Pilot Study Involving Associate Degree Nursing Students in Family Health Maintenance Processes.
Project Director: Conatser, Cheryl
Organization: El Centro Coll., Dallas, Tex.
Funding Period: Start Date 15 May 72; End Date 30 Jun 73

This project aims to broaden the Associate Degree nursing student's understanding and awareness of factors in health care through exposure to families in times of good health and illness. The procedure involves assigning students to families interested in participating in the project, organizing orientation sessions, and setting up guidelines and means of evaluation.

SB005020

The Development of Behavioral Objectives and Instructional Units in Selected Occupational/Technical Courses - A Pilot Project.
Project Director: Leo, Robert J.
Organization: Dallas County Community Coll. District, Tex.

The project has as its objective the development, initiation, and subsequent evaluation of a behavioral objectives approach in selected community college occupational and technical courses. It intends to establish a frame of reference by which to measure results of training. Procedures include course selection, assessment of needs, and faculty training. Results will serve as a model for establishing measurable ends for specific courses.

SB005021

An Investigation of Vocational Counselor Effectiveness and Its Relationship to Selected Background and Personal Characteristics.
Project Director: Reilley, Robert R.
Organization: Texas A and M Univ., College Station.

This project is designed to determine vocational counselor effectiveness and those characteristics which are significantly related to counseling effectiveness. A sample of secondary school students will be randomly assigned to various types of counselors, and student evaluations of counselors' help received will be analyzed and interpreted.

SB005022

A Study of Manpower Training Requirements for the Texas Agricultural Industry.
Project Director: Fritsch, Conrad F.
Organization: Texas A and M Univ., College Station. Texas Agricultural Experiment Station.

The purpose of this project is to provide information necessary for systematic labor market analysis and prediction of future employment opportunities in agriculture. It will survey number, kind, and location of agricultural industries and job opportunities. It will identify skill and minimum entry requirements, identify new areas of development, and make projections of future manpower and training needs. It will gather data through appropriate instruments and liaison with industry leaders and community organizations.

SB005023

Upgrade Teacher Competencies in the Use of Career Educational Materials.
Project Director: Antu, Louis U.
Organization: San Antonio Independent School District, Tex.
Funding Period: Start Date 1 May 72; End Date 30 Jun 73

This project seeks to improve teacher competence in the use of career education materials and adapt these materials for teaching reading skills. Three groups of teachers will receive three types of training, with subsequent evaluation to determine training effectiveness.

SB005024

Coordinated Effort for Career Education (CECE): Computer Assisted Guidance Component.
Project Director: Vestal, Theodore M.
Organization: Grayson County Coll., Sherman/Denison, Tex.
Funding Period: Start Date 1 Jun 72; End Date 30 Jun 73

The objectives of this project are to use the computer as a resource to provide high school and junior college students with an organized system for disseminating career information; provide this dissemination in light of the student's abilities, interests, and achievements; and teach decision making and make information available to counselors. The computerized vocational information system will be made available to all participating schools.

SB005025

Internship Instructor Training Program for Occupational and Technical Subjects.
Project Director: Forkner, William R.
Organization: Houston Univ., Tex. Coll. of Technology.

The objectives of this program are to develop and implement a complete program of instruction which will prepare individuals as technical and occupational instructors in community colleges and provide a program of instruction and laboratory teaching methods which will best prepare individuals for teaching assignments. Research study and interviews will determine the exact qualifications for an instructor, and a pilot group will perform field teaching activities to aid in evaluating these requirements.

SB005026

Teacher Training Program for Distributive Education.
Project Director: Speary, William A.
Organization: Houston Univ., Tex. Coll. of Technology.

The purposes of this project are to determine the necessary requirements for a competent coordinator in distributive education and develop a program of instruction which will best prepare an individual for teaching distributive education. Research study and interviews will determine the requirements for a competent instructor.

SB005027

Development of a Career Education Curriculum for Deaf Students at the Texas School for the Deaf.
Project Director: Howze, James S.
Organization: Texas School for the Deaf, Austin.

The purposes of this program are to provide for the noncollege-bound student an academic curriculum that departs from traditional methods, but relates to the skills and attitudes essential for vocational training; provide younger students with more career awareness opportunities; and provide all students with background in job opportunities and responsibilities, and employer-employee relationships. A project coordinator will work with others to develop a career oriented curriculum and coordinate pilot testing and mediation.

SB005028

Analysis of Fifteen Occupational Clusters Identified by the U.S. Office of Education.
Project Director: Vestal, Theodore M.
Organization: Grayson County Coll., Sherman/Denison, Tex.
Funding Period: Start Date 22 May 72; End Date 14 Nov 72

This project seeks to analyze the fifteen occupational clusters identified by the U.S. Office of Education to determine what activities and occupational titles are included in each. Objectives are to determine the scope of the fifteen clusters, review the literature pertinent to each, and write a booklet on each cluster containing the analysis results. This model analysis will assist educators in planning and implementing career education programs.

SB005029

Coordinated Effort for Career Education (CECE) Component: Planning and Implementation.
Project Director: Vestal, Theodore M.
Organization: Grayson County Coll., Sherman/Denison, Tex.
Funding Period: Start Date 1 Jun 72; End Date 30 Jun 73

This project intends to use a computer to (1) provide high school and junior college students with an organized system for dissemination of career education information, (2) provide this information in light of students' abilities, interests, and achievements, (3) teach a decision-making process, and (4) make information readily available to counselors. Procedures include making the Computerized Vocational Information System (CVIS) available to the participating three high schools and college. Successful use of CVIS may eventually lead to a state-wide network of computer assisted educational guidance.

SB005030

Proposed Curriculum and Training Procedure Revisions in Vocational Nurse Education.
Project Director: Hunt, Frank
Organization: South Plains Coll., Levelland, Tex.
Funding Period: Start Date 1 Jan 71; End Date 30 Jun 73

By changing the time balance of classroom and clinical training, this project intends to allow the college in a sparsely-populated area to establish a meaningful and productive vocational nursing (LVN) program, thereby increasing the number of LVNs. The objectives include (1) restructuring the curriculum to place a greater emphasis on classroom laboratory activities, (2) developing the curriculum around all subject matter required by the State Board of Vocational Nurse Examiners, (3) assuring all hospital experience relates to the established learning objectives, and (4) establishing a model curriculum which makes better use of limited educational and clinical resources available.

Fiscal Year 1972

SB005031

Training Paraprofessionals to Serve the Deaf.
Project Director: Helton, Louise B.
Organization: Dallas County Junior Coll. District, Tex.
Funding Period: Start Date 1 Oct 71; End Date 30 Jun 72

The purpose of this project is to train individuals at the paraprofessional level to help meet the special needs of the deaf so that they may achieve the education and training that is commensurate with their abilities. The total training program is two years, but there will be a one-year program with a six-week summer session.

SB005032

The Mexican-American in Texas: A Study of His Occupational Education.
Project Director: Williams, Earl J.
Organization: Houston Univ., Tex. Center for Human Resources.
Funding Period: Start Date 1 Jul 71; End Date 31 Dec 72

The goal of this project is to document the status and effectiveness of occupational education and its related activities for the Texas Mexican-American. The purpose is to provide accurate data which will serve as a basis for recommendations of design and implementation of a program. Two thousand Mexican-American youths and adults will be interviewed, as well as school officials, civic leaders, and employers.

SB005033

The Development of Evaluative Criteria for Training of the Handicapped.
Project Director: Meyer, Judith J.
Organization: Houston Univ., Tex. Center for Human Resources.
Funding Period: Start Date 1 Aug 71; End Date 30 Jun 72

The objective of this project is to develop a set of guidelines for evaluating pilot proposals for training the handicapped. The project also proposes to develop a set of guidelines for school districts to follow in designing such programs and a self-evaluation guide for program monitoring. Published materials pertinent to the topic will be examined, significant programs will be visited, and experts in the field will be interviewed.

SB005034

The American Indian in Dallas County: An Exploratory Study of His Occupational and Educational Needs.
Project Director: Taylor, Matthew
Organization: Dallas County Junior Coll. District, Tex.
Funding Period: Start Date 1 Nov 71; End Date 30 Jan 73

The goal of this project is to survey Dallas County's urban America Indian population to determine occupational and educational needs, if and how needs are being met, and what role Dallas County Junior College District should play in meeting those needs. Survey teams composed of American Indians trained to conduct door-to-door interviews will gather information. Project staff will analyze data obtained, survey existing programs and agencies, and make recommendations.

SB005035

A Study to Determine the Need for Occupational Education in Five (5) South Plains Counties.

Project Director: McMaster, Gene W.
Organization: Plainview Independent School District, Tex.
Funding Period: Start Date 1 Oct 71; End Date 31 Jun 72

This study is designed to obtain statistical information to determine either a lack of need or a need for postsecondary training in occupational and technical areas, how many courses are offered, and how many students have access to the programs. The project staff will gather the information from the population through selective survey, interview, and statistical notation. Procedures will be initiated and developed to reach the project objectives and recommend action.

SB005036

A Systems Approach to Placement and Follow-Up-A Computer Model.
Project Director: Jones, Charles B.
Organization: Bryan Independent School District, Tex.
Funding Period: Start Date 1 Aug 71; End Date 30 Jun 73

The goals of this program are to develop a model for placement and follow-up services for public schools and devise forms and procedures of record keeping that will permit the computer to assist the counselor. Procedures will include development of necessary software, contact with students terminating schooling to assist them in employment or further training, follow-up of each contact, data analysis, and report of the results.

SB005037

Coping Styles and Achievement.
Project Director: Peck, Robert F.
Organization: Texas Univ., Austin. Personality Research Center.
Funding Period: Start Date 1 Dec 71; End Date 31 May 72

The goal of this project is to complete a large-scale, cross-cultural study begun in 1965 which will obtain data on the aptitudes, occupational aspirations, occupational values, coping styles, and achievement of 12,000 children from eight countries. Similar data on black and Mexican-American children will be compared with the findings on Anglo and Mexican children. The project will analyze the minority group data and prepare seven volumes of reports on the findings of the total study.

SB005038

Manpower-Economic Education Project to Improve Teachers' and Pupils' Occupational Employment Knowledge and Attitudes.
Project Director: Abernathy, Lewis M.
Organization: North Texas State Univ., Denton.
Funding Period: Start Date 1 Dec 71; End Date 30 Jun 73

The aims of this project are to make secondary school teachers effective agents of manpower-economic information dissemination and attitudinal change; increase the understanding of job opportunities; and develop key representatives of manpower information. The three-phase project will include a summer institute, experimental inservice program, and establishment of an in-house manpower education program.

SB005039

Search for Effectiveness of the Occupational Orientation Programs in the State of Texas.
Project Director: Pope, Billy N.
Organization: Educational Personnel Development Consortium D, Richardson, Tex.
Funding Period: Start Date 1 Apr 72; End Date 31 Jul 73

This project has two purposes: to collect, analyze, interpret, and report data for the 1971-72 project year and the 1972 summer institute and develop and then conduct a state-wide evaluation of 1972-73 Occupational Orientation Programs. Procedures include development and testing of instruments, and analysis and interpretation of data obtained. Findings will be given to the state and local education agencies.

SB005040

Human Development Instruction for Career Students in the Community College: An Exploratory Study.
Project Director: Owens, Claude
Organization: El Centro Coll., Dallas, Tex.
Funding Period: Start Date 15 Mar 72; End Date 31 Oct 72

The purpose of this project is to survey existing student personnel programs nationwide and conduct a state-wide workshop to develop and disseminate instructional models for teaching human relations skills to technical/occupational community college students. Procedures include a data-gathering survey and a workshop, conducted by skilled consultants, for teams from various colleges.

SB005041

Evaluation of Post-Secondary Vocational Training in the Texas Department of Corrections.
Project Director: McCormick, John
Organization: Lee Coll., Baytown, Tex.
Funding Period: Start Date 1 Jan 72; End Date 31 Dec 72

This project plans to assess the value of postsecondary training to corrections inmates following their parole or discharge. Questions to be addressed include program impact, effect on recidivism rate, job performance, job placement in the area of training, and factors contributing to failure. Procedures to be used are structured personal interview and follow-up study by mail and personal interview.

SB005042

Evaluation of Coordinated Vocational-Academic Education in Texas.
Project Director: Preston, Vonda June
Organization: Paris Junior Coll., Tex.
Funding Period: Start Date 1 Mar 72; End Date 30 Jun 73

The aim of this project is to survey the Coordinated Vocational-Academic Education (CVAE) offerings in public schools to determine effectiveness and make recommendations for planning and future change. The project staff will conduct the survey by mail and personal interview and will evaluate the CVAE programs through comparison of dropout rates before and after program implementation.

SB005043

A Study of Construction Technology Curriculums and Construction Industry Needs, with a Suggested Approach to Curriculum Development in Building Technology Training in Texas Community Colleges.
Project Director: Rambo, Gerald
Organization: Paris Junior Coll., Tex.
Funding Period: Start Date 1 Apr 72; End Date 30 Jun 73

It is this project's aim to provide substantiation for curriculum development in building and construction technology through (1) bibliography development, (2) identification of existing programs, (3) training needs identification, and (4) evaluation and follow-up. Procedures include literature search, program visitation, and interview with employers. A pilot program will be developed for the postsecondary level, followed by program evaluation and publication of results.

SB005044

A Comparative Study of Occupational Achievement of Vocational and Nonvocational High School Graduates in Texas.
Project Director: Laska, John A.
Organization: Texas Univ., Austin.
Funding Period: Start Date 1 Apr 72; End Date 30 Jun 73

The objective of this project is to evaluate occupational achievement by means of a comparative survey of vocational and nonvocational graduates. Project staff will analyze data obtained from questionnaires administered to 2,800 graduates from four cities. Attention will focus in the research findings on relationship of vocational training and program type to occupational achievement.

SB005045

The Development of Behavioral Objectives and Instructional Units in Selected Occupational/Technical Courses - A Pilot Project.
Project Director: Leo, Robert J.
Organization: Dallas County Community Coll. District, Tex.
Funding Period: Start Date 15 Apr 72; End Date 31 Mar 73

The project has as its objective the development, initiation, and subsequent evaluation of a behavioral objectives approach in selected community college occupational and technical courses. It intends to establish a frame of reference by which to measure results of training. Procedures include course selection, assessment of needs, and

faculty training. Results will serve as a model for establishing measurable ends for specific courses.

SB005046

An Investigation of Vocational Counselor Effectiveness and Its Relationship to Selected Background and Personal Characteristics.
Project Director: Reilley, Robert R.
Organization: Texas A and M Univ., College Station.
Funding Period: Start Date 1 May 72; End Date 31 Jan 73

This project is designed to determine vocational counselor effectiveness and those characteristics which are significantly related to counseling effectiveness. A sample of secondary school students will be randomly assigned to various types of counselors, and student evaluations of counselors' help received will be analyzed and interpreted.

SB005047

A Study of Manpower Training Requirements for the Texas Agricultural Industry.
Project Director: Fritsch, Conrad F.
Organization: Texas A and M Univ., College Station. Texas Agricultural Experiment Station.
Funding Period: Start Date 1 May 72; End Date 31 Aug 74

The purpose of this project is to provide information necessary for systematic labor market analysis and prediction of future employment opportunities in agriculture. It will survey number, kind, and location of agricultural industries and job opportunities. It will identify skill and minimum entry requirements, identify new areas of development, and make projections of future manpower and training needs. It will gather data through appropriate instruments and liaison with industry leaders and community organizations.

SB005048 VTP-765

Internship Instructor Training Program for Occupational and Technical Subjects.
Project Director: Forkner, William R.
Organization: Houston Univ., Tex. Coll. of Technology.
Funding Period: Start Date 1 Jun 72; End Date 31 May 73

The objectives of this program are to develop and implement a complete program of instruction which will prepare individuals as technical and occupational instructors in community colleges and provide a program of instruction and laboratory teaching methods which will best prepare individuals for teaching assignments. Research study and interviews will determine the exact qualifications for an instructor, and a pilot group will perform field teaching activities to aid in evaluating these requirements.

SB005049 VTP-769

Teacher Training Program for Distributive Education.
Project Director: Speary, William A.
Organization: Houston Univ., Tex. Coll. of Technology.
Funding Period: Start Date 1 Jun 72; End Date 31 Aug 72

The purposes of this project are to determine the necessary requirements for a competent coordinator in distributive education and develop a program of instruction which will best prepare an individual for teaching distributive education. Research study and interviews will determine the requirements for a competent instructor.

SB005050 VTP-768

Development of a Career Education Curriculum for Deaf Students at the Texas School for the Deaf.
Project Director: Howze, James S.
Organization: Texas School for the Deaf, Austin.
Funding Period: Start Date 1 Jun 72; End Date 30 Jun 73

The purposes of this program are to provide for the noncollege-bound student an academic curriculum that departs from traditional methods, but relates to the skills and attitudes essential for vocational training; provide younger students with more career awareness opportunities; and provide all students with background in job opportunities and responsibilities, and employer-employee relationships. A project coordinator will work with others to develop a career oriented curriculum and coordinate pilot testing and mediation.

SB005051

Proposed Curriculum and Training Procedure Revisions in Vocational Nurse Education.
Project Director: Hunt, Frank
Organization: South Plains Coll., Levelland, Tex.
Funding Period: Start Date 1 Jan 71; End Date 30 Jun 73

By changing the time balance of classroom and clinical training, this project intends to allow the college in a sparsely-populated area to establish a meaningful and productive vocational nursing (LVN) program, thereby increasing the number of LVNs. The objectives include (1) restructuring the curriculum to place a greater emphasis on classroom laboratory activities, (2) developing the curriculum around all subject matter required by the State Board of Vocational Nurse Examiners, (3) assuring all hospital experience relates to the established learning objectives, and (4) establishing a model curriculum which makes better use of limited educational and clinical resources available.

Fiscal Year 1973

SB005052

Search for Effectiveness of the Occupational Orientation Programs in the State of Texas.
Project Director: Pope, Billy N.
Organization: Educational Personnel Development Consortium D, Richardson, Tex.

This project has two purposes: to collect, analyze, interpret, and report data for the 1971-72 project year and the 1972 summer institute and develop and then conduct a state-wide evaluation of 1972-73 Occupational Orientation Programs. Procedures include development and testing of instruments, and analysis and interpretation of data obtained. Findings will be given to the state and local education agencies.

SB005053

A Study to Identify Trends in Manpower Requirements for Printing Occupations in Newspaper Plants in Texas.
Project Director: Kirkpatrick, James M.
Organization: Dallas County Community Coll. District, Tex.

This project seeks to determine the degree of change in technology in the newspaper printing industry and the impact of that change on workers with certain skills in that industry. Questionnaires and interviews with managers, union officials, and stereotypers will be used to gather information. Results and recommendations will be made available to schools and junior colleges to substantiate need for retraining courses.

SB005054

Human Development Instruction for Career Students in the Community College: An Exploratory Study.
Project Director: Owens, Claude
Organization: El Centro Coll., Dallas, Tex.

The purpose of this project is to survey existing student personnel programs nationwide and conduct a state-wide workshop to develop and disseminate instructional models for teaching human relations skills to technical/occupational community college students. Procedures include a data-gathering survey and a workshop, conducted by skilled consultants, for teams from various colleges.

SB005055

Evaluation of Post-Secondary Vocational Training in the Texas Department of Corrections.
Project Director: McCormick, John
Organization: Lee Coll., Baytown, Tex.

This project plans to assess the value of postsecondary training to corrections inmates following their parole or discharge. Questions to be addressed include program impact, effect on recidivism rate, job performance, job placement in the area of training, and factors contributing to failure. Procedures to be used are structured personal interview and follow-up study by mail and personal interview.

SB005056

Evaluation of Coordinated Vocational-Academic Education in Texas.
Project Director: Preston, Vonda June
Organization: Paris Junior Coll., Tex.
Funding Period: Start Date 1 Mar 72; End Date 30 Jun 73

The aim of this project is to survey the Coordinated Vocational-Academic Education (CVAE) offerings in public schools to determine effectiveness and make recommendations for planning and future change. The project staff will conduct the survey by mail and personal interview and will evaluate the CVAE programs through comparison of dropout rates before and after program implementation.

SB005057

A Study of Construction Technology Curriculums and Construction Industry Needs, with a Suggested Approach to Curriculum Development in Building Technology Training in Texas Community Colleges.
Project Director: Rambo, Gerald
Organization: Paris Junior Coll., Tex.
Funding Period: Start Date 1 Apr 72; End Date 30 Jun 73

It is this project's aim to provide substantiation for curriculum development in building and construction technology through (1) bibliography development, (2) identification of existing programs, (3) training needs identification, and (4) evaluation and follow-up. Procedures include literature search, program visitation, and interview with employers. A pilot program will be developed for the postsecondary level, followed by program evaluation and publication of results.

SB005058

A Comparative Study of Occupational Achievement of Vocational and Nonvocational High School Graduates in Texas.
Project Director: Laska, John A.
Organization: Texas Univ., Austin.
Funding Period: Start Date 1 Apr 72; End Date 30 Jun 73

The objective of this project is to evaluate occupational achievement by means of a comparative survey of vocational and nonvocational graduates. Project staff will analyze data obtained from questionnaires administered to 2,800 graduates from four cities. Attention will focus in the research findings on relationship of vocational training and program type to occupational achievement.

SB005059

Preliminary Planning for Partners in Career Education: A Cooperative Career Education Learning Systems Development and Dissemination Project.
Project Director: Barton, Roger
Organization: Education Service Center Region 10, Dallas, Tex.

This project seeks to complete the planning phase for a five-year project to develop a comprehensive career education system. The planning consists of a survey of the literature and present programs, and the development of a preliminary operations plan. Procedures include use of input from school district staff, a planning advisory committee, and a weekly management review of activity.

SB005060

Implementation of Career Education.
Project Director: Agan, Ray
Organization: Sam Houston State Univ., Huntsville, Tex.

The objective of this project is to plan, execute, and then measure the effectiveness of one day drive-in-workshops for elementary school admnistrators and curriculum directors. Workshops will include symposia and discussion groups, to be followed by a survey of participants to determine their shift in attitude towards and planning for incorporation of career education into the curriculum.

SB005061

Regional Development and Cordination of Allied Health Manpower Education in the Community College.
Project Director: Loe, Hardy, Jr.
Organization: Houston Univ., Tex.
Funding Period: Start Date 1 May 72; End Date 31 Jan 73

This project includes the following objectives: to determine health training needs, develop local resources for on-the-job training, foster acceptance of trainees from community college programs, and draw conclusions about existing programs. Phase I will involve collection and analysis of existing data on facilities and course offerings; Phase II will involve acquisition of new data through questionnaires to potential students and resurvey of selected institutions; Phase III will foster acceptance of graduates.

SB005062

Planning a Pilot Study Involving Associate Degree Nursing Students in Family Health Maintenance Processes.
Project Director: Constser, Cheryl
Organization: El Centro Coll., Dallas, Tex.
Funding Period: Start Date 15 May 72; End Date 30 Jun 73

This project aims to broaden the Associate Degree nursing student's understanding and awareness of factors in health care through exposure to families in times of good health and illness. The procedure involves assigning students to families interested in participating in the project, organizing orientation sessions, and setting up guidelines and means of evaluation.

SB005063

The Development of Behavioral Objectives and Instructional Units in Selected Occupational/Technical Courses - A Pilot Project.
Project Director: Leo, Robert J.
Organization: Dallas County Community Coll. District, Tex.
Funding Period: Start Date 15 Apr 72; End Date 31 Mar 73

The project has as its objective the development, initiation, and subsequent evaluation of a behavioral objectives approach in selected community college occupational and technical courses. It intends to establish a frame of reference by which to measure results of training. Procedures include course selection, assessment of needs, and faculty training. Results will serve as a model for establishing measurable ends for specific courses.

SB005064

An Investigation of Vocational Counselor Effectiveness and Its Relationship to Selected Background and Personal Characteristics.
Project Director: Reilley, Robert R.
Organization: Texas A and M Univ., College Station.
Funding Period: Start Date 1 May 72; End Date 31 Jan 73

This project is designed to determine vocational counselor effectiveness and those characteristics which are significantly related to counseling effectiveness. A sample of secondary school students will be assigned to various types of counselors, and student evaluations of counselors' help received will be analyzed and interpreted.

SB005065

A Study of Manpower Training Requirements for the Texas Agricultural Industry.
Project Director: Fritsch, Conrad F.
Organization: Texas A and M Univ., College Station. Texas Agricultural Experiment Station.
Funding Period: Start Date 1 May 72; End Date 31 Aug 74

The purpose of this project is to provide information necessary for systematic labor market analysis and prediction of future employment opportunities in agriculture. It will survey number, kind, and location of agricultural industries and job opportunities. It will identify skill and minimum entry requirements, identify new areas of development, and make projections of future manpower and training needs. It will gather data through appropriate instruments and liaison with industry leaders and community organizations.

SB005066

Upgrade Teacher Competencies in the Use of Career Educational Materials.
Project Director: Antu, Louis U.
Organization: San Antonio Independent School District, Tex.
Funding Period: Start Date 1 May 72; End Date 30 Jun 73

This project seeks to improve teacher competence in the use of career education materials and adapt these materials for teaching reading skills. Three groups of teachers will receive three types of

training, with subsequent evaluation to determine training effectiveness.

SB005067

Coordinated Effort for Career Education (CECE): Computer Assisted Guidance Component.
Project Director: Vestal, Theodore M.
Organization: Grayson County Coll., Sherman/Denison, Tex.
Funding Period: Start Date 1 Jun 72; End Date 30 Jun 73

The objectives of this project are to use the computer as a resource to provide high school and junior college students with an organized system for dissemination of career education information; provide this dissemination in light of the student's abilities, interests, and achievements; and teach decision making and make information available to counselors. The computerized vocational information system will be made available to all participating schools.

SB005068

Internship Instructor Training Program for Occupational and Technical Subjects.
Project Director: Forkner, William R.
Organization: Houston Univ., Tex. Coll. of Technology.
Funding Period: Start Date 1 Jun 72; End Date 31 May 73

The objectives of this program are to develop and implement a complete program of instruction which will prepare individuals as technical and occupational instructors in community colleges and provide a program of instruction and laboratory teaching methods which will best prepare individuals for teaching assignments. Research study and interviews will determine the exact qualifications for an instructor, and a pilot group will perform field teaching activities to aid in evaluating these requirements.

SB005069

Teacher Training Program for Distributive Education.
Project Director: Speary, William A.
Organization: Houston Univ., Tex. Coll. of Technology.

The purposes of this project are to determine the necessary requirements for a competent coordinator in distributive education and develop a program of instruction which will best prepare an individual for teaching distributive education. Research study and interviews will determine the requirements for a competent instructor.

SB005070

Development of a Career Education Curriculum for Deaf Students at the Texas School for the Deaf.
Project Director: Howze, James S.
Organization: Texas School for the Deaf, Austin.
Funding Period: Start Date 1 Jun 72; End Date 30 Jun 73

The purposes of this program are to provide for the noncollege-bound student an academic curriculum that departs from traditional methods, but relates to the skills and attitudes essential for vocational training; provide younger students with more career awareness opportunities; and provide all students with background in job opportunities and responsibilities, and employer-employee relationships. A project coordinator will work with others to develop a career oriented curriculum and coordinate pilot testing and mediation.

SB005071 VTP-865

Student Perception of the Effectiveness of Area Vocational Secondary School Programs of Texas in Meeting Student Interests and Perceived Needs.
Project Director: Wong, Laverne B.
Organization: Texas A and M Univ., College Station. Coll. of Education.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73

The goals of this study are to determine student perception of the program effectiveness of the area vocational schools, determine student awareness of AVS program offerings and opportunities, and explore counseling and guidance procedures used to enhance occupational development of the students. A percentage of students will be randomly selected and administered a questionnaire. An analysis of variance will be used to determine the results.

SB005072 VTP-864

High School Career Interest and Information Survey, Phase II.
Project Director: Webb, Morris S.
Organization: Texas State Technical Inst., Waco.
Funding Period: Start Date 1 Sep 72; End Date 31 May 73

The objectives of this study are to prepare a "dictionary" of careers providing a brief explanation of each career to be used before administering a survey in career orientation programs; prepare a simple manual for interpreting the results of the survey; and prepare commitment sheets and other forms which will aid in simplifying and standardizing procedures. The forms will be distributed, and criticisms and suggestions for improvement will be collected.

SB005073

High School Career Interest and Information Survey, Phase III.
Project Director: Webb, Morris S.
Organization: Texas State Technical Inst., Waco.
Funding Period: Start Date 1 Sep 72; End Date 31 May 73

The objectives of this study are to prepare a "dictionary" of careers providing a brief explanation of each career to be used before administering a survey in career orientation programs; prepare a simple manual for interpreting the results of the survey; and prepare commitment sheets and other forms which will aid in simplifying and standardizing procedures. The forms will be distributed, and criticisms and suggestions for improvement will be collected.

SB005074 VTP-866

The Development of a Model for Establishing a New Health Career Education Program in a Community College.
Organization: Houston Community Coll. System, Tex.
Funding Period: Start Date 1 Dec 72; End Date 20 Jun 73

This study will investigate methods to accomplish a liaison with the health community and establish a model for initiating new health career educational programs. A registered physical therapist will be employed to establish the necessary collaborative liaison.

SB005075

Perceptions of Vocational Administrators and High School Principals Regarding the Role of the Vocational Administrator.
Project Director: Webb, Earl
Organization: Texas A and M Univ., College Station. Texas Agricultural Experiment Station.
Funding Period: Start Date 1 Jan 73; End Date 31 Aug 73

This project's goals include determination of the extent of agreement between high school principals and vocational administrators regarding the vocational administrator's role and that role as defined by the Texas Education Agency. The project also seeks to develop recommendations for training and for justification of that role. Data will be gathered from principals and vocational administrators, and then analyzed statistically.

SB005076

A Pilot Program in Residential Construction Technology, with Emphasis on Occupational and Managerial Skills Development Through a Program of Combined Academic and Cooperative Education.
Project Director: Rambo, Gerald C.
Organization: Paris Junior Coll., Tex.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 74

The aim of this project is to develop, institute, monitor, and evaluate a pilot program on the postsecondary level in residential construction technology. Classroom and cooperative education will constitute the media of instruction for this two-year program, to be carried out at Paris Junior College and cooperative work-training stations. Data obtained will be used to build a model curriculum for use at other institutions.

SB005077

Computerized Vocational Information Service (CVIS).
Organization: Harlandale Independent School District, San Antonio, Tex.
Funding Period: Start Date 1 Jan 73; End Date 3 May 73

The project objectives are to use the computer as a resource to provide public school students with an organized system for dissemination of career education information suited to individual student

needs, interests, aptitudes, and achievements; assist students in the decision-making process; and make career guidance information available to counselors. Possibilities for system expansion and flexibility will be explored.

SB005078 **VTP-896**

Study of Needs for Professional Personnel Development of Vocational-Technical Teachers.
Project Director: Pope, Billy N.
Organization: Educational Personnel Development Consortium D, Richardson, Tex.
Funding Period: Start Date 1 Feb 73; End Date 30 Jun 73

The objectives of this project are to determine content of existing professional development programs and activities for vocational and technical personnel, determine project needs for personnel development, define institutional responsibilities for specific personnel development based on input from teacher trainees, and conduct a follow-up study of participants. The procedures include development of instrument, mailing of instrument, analysis of data, interpretation of data, and reporting of the findings.

SB005079 **VTP-898**

Observed and Self-Reported Individualization of Instruction by Vocational and Non-Vocational Teachers.
Project Director: Heeney, William C.
Organization: Texas Univ., Austin. Office of School Surveys and Studies.
Funding Period: Start Date 1 Feb 73; End Date 31 Aug 73

The objectives of this project are to determine whether teachers who have been through an inservice program of improving individualized instruction are teaching differently than those who have not, investigate the relationship between a teacher's report of changes and the observations of these teaching practices, provide information to inservice education and curriculum planners, and develop implications of career education. A selected sample of teachers will be observed and will report practices of individualized instruction.

SB005080 **VTP-897**

Development of Occupational and Technical Programs and Curriculum for Austin Community College.
Project Director: Davidson, Jack L.
Organization: Austin Independent School District, Tex.
Funding Period: Start Date 1 Feb 73; End Date 31 Aug 73

The objectives of this project are to research, justify, propose, develop, and initiate the opening programs and curriculum for the occupational and technical division of the college; recruit and select the professional staff required to implement the programs; direct and supervise the overall program; and develop the initial curriculum and programs. A project coordinator will be selected to administer the project.

SB005081 **VTP-899**

A Study to Identify Data Elements for Comparative Assessment of Effectiveness and Efficiency of Technical and Vocational Education Programs in the Public Community Colleges of Texas.
Project Director: Rorie, Charles D.
Organization: Texas Univ., Austin. Office of School Surveys and Studies.
Funding Period: Start Date 1 Feb 73; End Date 31 Aug 73

The aims of this project are to determine the best data sources for evaluative assessment of community college vocational and technical programs, investigate the relationship between effectiveness and efficiency in the programs, provide information to planners of state programs, and develop implications of assessment of effectiveness and efficiency for evaluation. Programs will be selected, data will be identified and collected, and statistical procedures will be applied to these data to determine relationships.

SB005082

Development of Cooperative Planning for Technical-Vocational Programs.
Project Director: Wright, Rodney
Organization: Ranger Junior Coll., Tex.
Funding Period: Start Date 15 Mar 73; End Date 30 Jun 73

The goal of this project is to provide data to assist in planning vocational and technical education programs at the junior college level so as to avoid undue duplication of efforts and determine resources needed for future programs as projected from student response to the survey administered. A survey will also be conducted of area employers, industries, and the Chamber of Commerce to assess program and personnel needs.

SB005083

Vocational Education in Texas High Schools: An Ethnic Comparison.
Project Director: Williams, J. Earl
Organization: Houston Univ., Tex. Center for Human Resources.
Funding Period: Start Date 1 Mar 73; End Date 31 Aug 74

This project's goal is to document and profile the educational and training experiences of black high school students, graduates, and dropouts in selected regions. Project staff will combine this data with data collected on Mexican-Americans to provide information for a thorough ethnic analysis. Seminars will be developed for local school districts. Staff will conduct interviews in the field and compile data from a broad range of students, school personnel, employers, and community leaders.

SB005084

Comprehensive Manpower Study, El Paso, Texas.
Project Director: de los Santos, Alfredo G., Jr.
Organization: El Paso Community Coll., Tex.
Funding Period: Start Date 1 Apr 73; End Date 30 Sep 73

The objective of this project is to determine the manpower needs of local employers and the aspirations and expectations of students. Information obtained through questionnaires, personal interview, and group interviews from business, industry, and government will be furnished to El Paso Community College curriculum planners and guidance counselors.

SB005085

Search for Common and Unique Competencies Needed by Vocational-Technical Guidance Personnel and Development of Performance-Based Training Modules.
Project Director: Jackson, Frank
Organization: Education Service Center Region 10, Richardson, Tex.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project intends to identify those competencies which are common and those which are unique to vocational education guidance personnel at the secondary and postsecondary levels. It will identify existing resources for developing those competencies through procedures which include development and administration of appropriate survey instruments. Performance-based modules drawing on data obtained will be developed and integrated into a training program.

SB005086

Occupational-Technical Curriculum T.V. Study.
Project Director: McClure, Lyndon
Organization: Dallas County Community Coll. District, Tex.
Funding Period: Start Date 1 May 73; End Date 30 Jun 75

This project seeks to study the feasibility of occupational education course presentation via television. It will determine those subjects best suited for such presentation, potential enrollment, alternative program format, best pilot courses, and will evaluate course effectiveness. Project staff will survey instructors, develop material for presentation, and assess effectiveness.

SB005087

A Pilot Program of Cooperative Education for American Indians in Dallas County.
Organization: Dallas County Community Coll. District, Tex.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project's goals are to develop and test the feasibility of establishing in the community college a cooperative education model for the urban American Indian. Procedures will include selection of a task force to identify possible training programs, occupational needs, and location of job slots at managerial levels. The project's second phase involves implementation of a pilot program to place fifteen American Indians in a cooperative setting. Results will be analyzed,

and recommendations made.

SB005088

Development of a Community Career Counseling and Information Program.
Organization: McLennan Community Coll., Waco, Tex.
Funding Period: Start Date 1 Jun 73; End Date 30 Jun 74

The aim of this project is to develop and provide comprehensive career counseling services to out-of-school youth and adults of the area. A comprehensive library of the best and current career information will be collected from all sources. Brochures, community media, and personal contacts will be used to apprise the community of the services.

Fiscal Year 1974

SB005089 **VTP-867**

High School Career Interest and Information Survey, Phase III.
Project Director: Webb, Morris S.
Organization: Texas State Technical Inst., Waco.
Funding Period: Start Date 1 Sep 72; End Date 28 Feb 74

The purpose of the third phase of this project is to investigate the consistency of the data with related data, correlations within the data, and persistence of career choices and plans. Availability of training for the chosen careers will also be documented. Students who participated in Phase I will be resurveyed to determine the persistence of career choices. A catalog of available training for the chosen careers will be published for use by counselors.

SB005090

A Pilot Program in Residential Construction Technology, with Emphasis on Occupational and Managerial Skills Development through a Program of Combined Academic and Cooperative Education.
Project Director: Rambo, Gerald C.
Organization: Paris Junior Coll., Tex.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 74

The aim of this project is to develop, institute, monitor, and evaluate a pilot program on the postsecondary level in residential construction technology. Classroom and cooperative education will constitute the media of instruction for this two-year program, to be carried out at Paris Junior College and cooperative work-training stations. Data obtained will be used to build a model curriculum for use at other institutions.

SB005091

Perceptions of Vocational Administrators and High School Principals Regarding the Role of the Vocational Administrator.
Project Director: Webb, Earl
Organization: Texas A and M Univ., College Station. Texas Agricultural Experiment Station.

This project's goals include determination of the extent of agreement between high school principals and vocational administrators regarding the vocational administrator's role and that role as defined by the Texas Education Agency. The project also seeks to develop recommendations for training and for justification of that role. Data will be gathered from principals and vocational administrators, and then analyzed statistically.

SB005092 **VTP-1132**

Identification of Adult Career Education Needs.
Project Director: Preston, Vonda June
Organization: Paris Junior Coll., Tex.
Funding Period: Start Date 1 Aug 73; End Date 30 Jun 74

The aim of this project is to provide a comprehensive survey of the adult career education needs of the area. Identification of area vocational and technical and related educational needs will be obtained from surveys of industrial and business job needs, job surveys, unemployment statistics, personal interviews, and recommendations of administrators of educational service centers and educational institutions.

SB005093 **VTP-1136**

Development of Curriculum Materials for Competency Based Postsecondary Vocational Technical Teacher Education Programs.
Project Director: Pope, Billy N.
Organization: Education Service Center Region 8, Mt. Pleasant, Tex.
Funding Period: Start Date 1 Aug 73; End Date 30 Jun 74

The aim of this project is to develop and make available curriculum materials to be used for developing selected competencies common to all vocational and technical teachers and especially teachers of health, distributive, and industrial occupations at the postsecondary level. Data will be presented at a state-wide conference. The five phases of the project will include selection of competencies, development of modules and materials, field testing, revision of materials, and preparation for distribution.

SB005094 **VTP-1135**

Development and Evaluation of a Pilot Element in a Statewide Career Education Delivery System.
Project Director: Abernathy, Lewis M.
Organization: North Texas State Univ., Denton.
Funding Period: Start Date 1 Aug 73; End Date 30 Jun 74

This project is designed to develop and evaluate a pilot element of a state-wide delivery system for career education and identify and define thirty basic career and world of work education concepts. The research project is composed of three phases: identification and definiton of thirty concepts, development and production of a staff development program, and piloting and evaluation of the delivery system element.

SB005095 **VTP-1133**

Search for Common and Unique Competencies Needed by Vocational Supervisors and Administrators.
Project Director: Pope, Billy N.
Organization: Educational Personnel Development Consortium D, Richardson, Tex.
Funding Period: Start Date 1 Aug 73; End Date 30 Jun 74

The goals of this project are to identify and make available those competencies which are common to all administrative and supervisory personnel at the secondary level and unique to all secondary vocational and technical administrative and supervisory personnel and identify and make available the existing resources for developing those competencies. A roster of competencies and survey instrument will be developed, data will be analyzed, and a state-wide conference will be conducted.

SB005096

High School Career Interest and Information Survey, Phase II.
Project Director: Webb, Morris S.
Organization: Texas State Technical Inst., Waco.

The purpose of this project is to investigate the consistency of the data with related data, correlations within the data, and persistence of career choices and plans. Availability of training for the chosen careers will also be documented. Students who participated in Phase I will be resurveyed to determine the persistence of career choices. A catalog of available training for the chosen careers will be published for use by counselors.

SB005097

Vocational Education in Texas High Schools: An Ethnic Comparison.
Project Director: Williams, J. Earl
Organization: Houston Univ., Tex. Center for Human Resources.
Funding Period: Start Date 1 Mar 73; End Date 31 Aug 74

This project's goal is to document and profile the educational and training experiences of black high school students, graduates, and dropouts in selected regions. Project staff will combine this data with data collected on Mexican-Americans to provide information for a thorough ethnic analysis. Staff will conduct interviews in the field and compile data from a broad range of students, school personnel, employers, and community leaders.

SB005098

A Study of Construction Technology Curriculums and Construction Industry Needs, with a Suggested Approach to Curriculum Development in Building Technology Training in Texas Community Colleges.
Project Director: Rambo, Gerald
Organization: Paris Junior Coll., Tex.

It is this project's aim to provide substantiation for curriculum development in building and construction technology through (1) bibliography development, (2) identification of existing programs, (3) training needs identification, and (4) evaluation and follow-up. Procedures include literature search, program visitation, and interview with employers. A pilot program will be developed for the postsecondary level, followed by program evaluation and publication of results.

SB005099 VTP-1134

Analysis of Employee Supply and Demand in Howard County, A Pilot Approach.
Project Director: Key, Larry
Organization: Howard County Junior Coll., Big Spring, Tex.
Funding Period: Start Date 1 Oct 73; End Date 31 May 74

The goals of this project are to determine the number of unfilled positions and estimate the number of employees needed during the next three years; determine the persons who are unemployed or interested in another job; determine the knowledge, skills, and types of training needed by various employers; and develop a survey plan as a pilot program. By personal interview, information to complete the questionnaire will be obtained, and high school dropouts and persons seeking employment will be identified.

SB005100 VTP-1131

An Analysis of Student Followup Data for Administrative Decision-making.
Project Director: Jones, Charles B.
Organization: Bryan Independent School District, Tex.
Funding Period: Start Date 1 Aug 73; End Date 30 Jun 74

The objectives of the program are to compare former students who took vocational courses and those who did not, when occupational choice occurred, and the effect of selected factors on occupational choice with implications for guidance and program redirection or modification. A survey of vocational program graduates will be developed, validated, and used to statistically determine the information needed.

SB005101

A Pilot Program of Cooperative Education for American Indians in Dallas County.
Organization: Dallas County Community Coll. District, Tex.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project's goals are to develop and test the feasibility of establishing in the community college a cooperative education model for the urban American Indian in Dallas County. Procedures will include selection of a task force to identify possible training programs, occupational needs, and location of job slots at managerial levels. The project's second phase involves implementation of a pilot program to place fifteen American Indians in a cooperative setting. Results will be analyzed, and recommendations made.

SB005102 VTP-1382

Development of a Community Career Counseling and Information Program.
Organization: McLennan Community Coll., Waco, Tex.
Funding Period: Start Date 1 Jun 73; End Date 30 Jun 74

The aim of this project is to develop and provide comprehensive career counseling services to out-of-school youth and adults of the area. A comprehensive library of the best and current career information will be collected from all sources. Brochures, community media, and personal contacts will be used to apprise the community of the services.

SB005103 VTP-1383

Development of a Career Education Curriculum for Deaf Students at Texas School for the Deaf.
Project Director: Howze, James S.
Organization: Texas School for the Deaf, Austin.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objectives of this project are to provide grades 3, 4, and 5 with an awareness of and an appreciation for jobs and job clusters and provide a curriculum for junior high students which will permit them to explore job experiences, and combine vocational skill training and academic development. A project staff will work with the academic staff to develop a career oriented curriculum. A summer workshop will provide the basic development of the career exploration curriculum.

SB005104 VTP-1384

An Assessment of Remedial Programs for Vocational-Technical Students in Selected Post-Secondary Institutions in Texas.
Project Director: Murphy, Norman L.
Organization: Texas Univ., Austin. Dept. of Educational Administration.
Funding Period: Start Date 1 Dec 73; End Date 30 Jun 74

The aims of this project are to obtain detailed descriptive data on representative postsecondary remedial programs for vocational and technical students and make recommendations as to the program elements which should be included. Interviews will be conducted, and pertinent institutional documents will be collected. Samples from the eligile population of each school will be selected and administered testing instruments.

SB005105 VTP-1385

Vocational Follow-Up Study.
Project Director: Whitson, Charles M.
Organization: Windham School District, Huntsville, Tex.
Funding Period: Start Date 1 Jun 73; End Date 30 Jun 74

The objectives of this project are to provide methods of obtaining sufficient data for planning purposes, develop methods of interviewing ex-students to obtain realistic and valid information, and select and develop local centers from which information may be channeled back. Local offices of state agencies will be contacted to establish information centers, and ex-students will be notified to report for a follow-up interview.

SB005106

Regional Development and Cordination of Allied Health Manpower Education in the Community College.
Project Director: Loe, Hardy, Jr.
Organization: Houston Univ., Tex.

This project includes the following objectives: determine health training needs, develop local resources for on-the-job training, foster acceptance of trainees from community college programs, and draw conclusions about existing programs. Phase I will involve collection and analysis of existing data on facilities and course offerings; Phase II will involve acquisition of new data through questionnaires to potential students and resurvey of selected institutions; Phase III will foster acceptance of graduates.

SB005107 VTP-1335

College Curriculum for Correctional Instructional Personnel.
Project Director: McKenty, Stuart B.
Organization: Educational Personnel Development Consortium C, Houston, Tex.
Funding Period: Start Date 15 Apr 74; End Date 30 Jun 74

The goal of this project is to develop survey instruments for Texas correctional facilities to ascertain the specific needs of instructional personnel in a correctional setting and assist in determining if these needs are most appropriately met through university programs or through other types of activities. A task force will meet to develop the survey-questionnaire, which will be sent to an appropriate sample population of staff and students.

SB005108

Development of Instructional Module, "Health Care Organizations, Facilities, and Personnel."
Project Director: Ramey, Irene
Organization: Texas Woman's Univ., Denton.
Funding Period: Start Date 10 May 74; End Date 30 Jun 75

The aim of this project is to develop an instructional module for use in health occupations training programs. Project staff will include health occupations training coordinators, an audiovisual consultant, and Texas Education Agency consultants to field test, evaluate, and prepare the module for duplication and dissemination.

SB005109

Observed and Self-Reported Individualization of Instruction by Vocational and Non-Vocational Teachers.
Project Director: Heeney, William C.
Organization: Texas Univ., Austin. Office of School Surveys and Studies.

The objectives of this project are to determine whether teachers who have been through an inservice program individualization of instruction are teaching differently than those who have not; investigate the relationship between a teacher's report of changes and the observations of these teaching practices; provide information to in-service education and curriculum planners; and develop implications of career education. A selected sample of teachers will be observed and will report practices of individualized instruction.

SB005110

Development of Occupational and Technical Programs and Curriculum for Austin Community College.
Project Director: Davidson, Jack L.
Organization: Austin Independent School District, Tex.

The objectives of this project are to research, justify, propose, develop, and initiate the opening programs and curriculum for the occupational and technical division of the college; recruit and select the professional staff required to implement the programs; direct and supervise the overall program; and develop the initial curriculum and programs. A project coordinator will be selected to administer the project.

SB005111

A Study to Identify Data Elements for Comparative Assessment of Effectiveness and Efficiency of Technical and Vocational Education Programs in the Public Community Colleges of Texas.
Project Director: Rorie, Charles D.
Organization: Texas Univ., Austin. Office of School Surveys and Studies.

The aims of this project are to determine the best data sources for evaluative assessment of community college vocational and technical programs, investigate the relationship between effectiveness and efficiency in the programs, provide information to planners of state programs, and develop implications of assessment of effectiveness and efficiency for evaluation. Programs will be selected, data will be identified and collected, and statistical procedures will be applied to these data to determine relationships.

SB005112

Student Perception of the Effectiveness of Area Vocational Secondary School Programs of Texas in Meeting Student Interests and Perceived Needs.
Project Director: Wong, Laverne B.
Organization: Texas A and M Univ., College Station. Coll. of Education.

The goals of this study are to determine student perception of the program effectiveness of the area vocational schools, determine student awareness of AVS program offerings and opportunities, and explore counseling and guidance procedures used to enhance occupational development of the students. A percentage of students will be randomly selected and administered a questionnaire. An analysis of variance will be used to determine the results.

SB005113

Occupational-Technical Curriculum T.V. Study.
Project Director: McClure, Lyndon
Organization: Dallas County Community Coll. District, Tex.
Funding Period: Start Date 1 May 73; End Date 30 Jun 75

This project seeks to study the feasibility of education course presentation via television. It will determine those subjects best suited for such presentation, potential enrollment, alternative program format, best pilot courses, and will evaluate course effectiveness. Project staff will survey instructors, develop material for presentation, and assess effectiveness.

SB005114

Search for Effectiveness of the Occupational Orientation Programs in the State of Texas.
Project Director: Pope, Billy N.
Organization: Educational Personnel Development Consortium D, Richardson, Tex.

This project has two purposes: to collect, analyze, interpret, and report data for the 1971-72 project year and the 1972 summer institute and develop and then conduct a state-wide evaluation of 1972-73 Occupational Orientation Programs. Procedures include development and testing of instruments, and analysis and interpretation of data obtained. Findings will be given to the state and local education agencies.

SB005115

Search for Common and Unique Competencies Needed by Vocational-Technical Guidance Personnel and Development of Performance-Based Training Modules.
Project Director: Jackson, Frank
Organization: Education Service Center Region 10, Richardson, Tex.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project intends to identify those competencies which are common and those which are unique to vocational education guidance personnel at the secondary and postsecondary levels. It will identify existing resources for developing those competencies through procedures which include development and administration of appropriate survey instruments. Performance-based modules drawing on data obtained will be developed and integrated into a training program.

SB005116

Comprehensive Manpower Study, El Paso, Texas.
Project Director: de los Santos, Alfredo G., Jr.
Organization: El Paso Community Coll., Tex.

The objective of this project is to determine the manpower needs of local employers and the aspirations and expectations of students. Information obtained through questionnaires, personal interview, and group interview will be furnished to El Paso Community College curriculum planners and guidance counselors.

SB005117

The Development of a Model for Establishing a New Health Career Education Program in a Community College.
Organization: Houston Community Coll. System, Tex.

This study will investigate methods to accomplish a necessary liaison with the health community, develop professional relationships with the health community, and establish a model for initiating new health career educational programs. A registered physical therapist will be employed to establish the necessary collaborative liaison.

SB005118

Analysis of Effects of the Change in the Basis of Funding Apprenticeship Related Instruction in Public Schools.
Project Director: Mansfield, W. B.
Organization: Texas A and M Univ., College Station.
Funding Period: Start Date 1 Jan 74; End Date 31 Aug 74

This project seeks to study changes in the funding of apprentice-related instruction to compare past and present methods, determine the adequancy of the new funding pattern, make recommendations for adjustments, and identify private sector capabilities for consideration. Data will be gained through personal interview with local program operators, compiled, and made available to the Apprenticeship and Training Association of Texas.

SB005119

A Study of Manpower Training Requirements for the Texas Agricultural Industry.
Project Director: Fritsch, Conrad F.
Organization: Texas A and M Univ., College Station. Texas Agricultural Experiment Station.
Funding Period: Start Date 1 May 72; End Date 31 Aug 74

The purpose of this project is to provide information necessary for systematic labor market analysis and prediction of future employment opportunities in agriculture. It will survey number, kind, and location of agricultural industries and job opportunities. It will identify skill and minimum entry requirements, identify new areas of development, and make projections of future manpower and training needs. It will gather data through appropriate instruments and liaison with industry leaders and community organizations.

Fiscal Year 1975

SB005120 VTP-1550

Identification of Actual Task Performed and Relative Amount of Time Spent on Task by Vocational-Technical Personnel.
Project Director: Pope, Billy N.
Organization: Educational Personnel Development Consortium D, Richardson, Tex.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purposes of this project are to differentiate task and subtask from competencies identified in previous studies and identify relative amounts of time spent on each task that must be performed. The project staff will develop a survey instrument which will be mailed to personnel in all vocational areas, and a random sample will be interviewed on site.

SB005121 VTP-1580

General Follow-Up Study.
Project Director: Whitson, Charles M.
Organization: Windham School District, Huntsville, Tex.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The aim of this project is to determine the relative effectiveness of the academic and vocational educational programs of the Texas Department of Corrections in providing the ex-offender with adequate employment skills. Three staff members will design and implement the follow-up study. The data collection method will consist of administering behavioral interviews to 250 ex-offenders.

SB005122 VTP-1551

Employment Opportunities and Training Needs in Agriculture.
Project Director: Holcomb, John W.
Organization: Texas A and M Univ., College Station. Dept. of Agricultural Education.
Funding Period: Start Date 1 Sep 74; End Date 31 Aug 75

The objectives of this project are to identify, refine, and validate competencies in horse and cotton production required at the entry and advanced level of employment; interpret data on employment and training needs in agribusiness; and update the employment and training needs in agribusiness. A project team will conduct these activities and submit them to an advisorty committee.

SB005123 VTP-1778

The Development of a Plan for a Competency Based Industrial Arts Curriculum with Direct Implications for Occupational Education Program Development.
Project Director: Ballard, John R.
Organization: Southwest Texas State Univ., San Marcos.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The goal of this project is to generate an industrial arts scope and sequence list of industrial concepts and competencies and determine the extent to which they serve the needs of occupational education. Taxonomies of technological concepts and competencies will be derived, validated, and evaluated in terms of their contribution to the needs of occupational education.

SB005124 VTP-1882

The Development of Individualized Supportive Services for Physically and Sensorially Limited Adults at a Post-Secondary Area Vocational School.
Project Director: McClanahan, Ruby F.
Organization: McLennan Community Coll., Waco, Tex.
Funding Period: Start Date 5 Jan 75; End Date 30 Jun 75

A coordinated program of supportive services will be researched, developed, and provided on an individualized basis to physically and sensorially limited adults so they can explore and pursue occupationally oriented training/educational programs. Available services will be researched via literature, agencies, and on-site visitations. Potential recipients of these services will be identified and recruited.

SB005125 VTP-1881

A Feasibility Study for Vocational-Technical Education for the Concho Valley Area.
Project Director: Harvey, J. Noland
Organization: Angelo State Univ., Tex.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

The goals of this project are to determine the categories and magnitude of need for postsecodary vocational and technical programs in the region and determine the resources available and required to develop programs to meet the needs. Project staff will develop a variety of survey and related instruments. The survey procedures are designed to effectively use supporting regional organizations.

SB005126 VTP-1924

The Identification of Texas Anglo, Black, and Chicano Child Rearing and Child Care Practices in Relation to Child Care Career Competencies.
Project Director: Stewart, Ida Santos
Organization: Houston Univ., Tex.
Funding Period: Start Date 1 Mar 75; End Date 31 Jul 75

The objectives of this project are to identify Anglo, black, and Chicano child rearing and child care center practices and compare them in relation to culture and to vocational training for child care personnel. Interview instruments to elicit data from parents, center personnel, and professionals will be pilot tested. Research assistants will administer the instruments to a sample from each region, and culturally relevant competencies will be derived from the data.

SB005127 VTP-1905

The Development of an Exploratory Program for Grades 8 or 9 in the Cluster of Marketing and Distribution.
Project Director: Patterson, Edith
Organization: Houston Independent School District, Tex.
Funding Period: Start Date 1 Feb 75; End Date 30 Jun 75

The objectives of this project are to develop a program and curriculum that would acquaint junior high students with career opportunities in marketing and distribution and provide information for determining the feasibility of doing an exploratory proposal. The personnel assigned to this task will do on-site visitation, develop the curriculum and the needed materials, write a proposal, and complete the planning necessary to implement the program.

SB005128 VTP-1906

Women in Vocational Education.
Project Director: Champagne, Joseph E.
Organization: Houston Univ., Tex. Center for Human Resources.
Funding Period: Start Date 1 Feb 75; End Date 30 Jun 76

The goals of this project are to develop a model to recruit males and females into vocational programs that have previously been dominated by members of the other sex, improve the image of vocational education, modify attitudes and instructional methods for the female students, and inform students about the labor market. The model will be developed through a demonstration project, and the progress and problems of the students will be monitored and documented.

SB005129 VTP-1999

Development of Videotapes for Mental Health Associate Programs.
Project Director: Whitley, Jeff

Organization: Texas Univ., Galveston. Medical Branch, Div. of Community and Social Psychiatry.
Funding Period: Start Date 1 Apr 75; End Date 30 Jun 75

The objectives of this project are to work collaboratively to develop a plan regarding the topics and formats to be used in videotapes, produce the tapes, distribute them on a pilot basis, and evaluate them. A series of meetings will be held to establish tape topics, priorities for development, and script format. A minimum of ten tapes will be developed.

SB005130 **VTP-2002**

Occupational Analysis of Day Care Workers and Supervisors in the State of Texas.
Project Director: Alciatore, Robert
Organization: Texas Univ., San Antonio.
Funding Period: Start Date 1 Apr 75; End Date 31 Oct 75

The objectives of the project are to develop an inventory of tasks performed by child care workers and group them into levels, develop position descriptions composed of related tasks and responsibilities and arrange them on a career ladder, and determine the knowledge and skills needed to perform the task in each position. The study will develop, administer, and analyze a job inventory. The survey will be administered to a sample of approximately 1,000 individuals.

SB005131 **VTP-1998**

The Development of Five Individualized Learning Modules for Pre-Service and In-Service Training of Occupational and Technical Administrators.
Project Director: Gross, Edmund
Organization: Dallas County Community Coll. District, Tex.
Funding Period: Start Date 1 Apr 75; End Date 30 Apr 76

The goals of this project are to develop five independent study modules containing the knowledge and skills essential to community college administration, test and evaluate these packages by selected administrators, and conduct an inservice training program. The competencies will be identified and developed into the modules.

SB005132 **VTP-2071**

Production and Implementation of Nursing Audio-Visual Instruction to Spanish.
Project Director: West, Lee
Organization: Laredo Junior Coll., Tex.
Funding Period: Start Date 1 Jun 75; End Date 31 Jan 76

This project seeks to increase the number of Mexican-Americans completing the health assistant level of the nursing program, increase the level of competency in nursing skills, and increase the level of bilingual competency. The major thrust of the project is translation of the fifty hours of English audiovisual instruction which is the instructional base for the course of study.

SB005133 **VTP-2066**

Compilation and Annotation of Information About Current Individualized Instruction in Vocational-Technical Education in Texas Community/Junior Colleges and Development of Missing Components.
Project Director: Wilkerson, George J.
Organization: Austin Community Coll., Tex.
Funding Period: Start Date 1 Jun 75; End Date 31 Aug 75

The goals of this project are to enable students to select a skill training program based on interest resulting from actual exploratory experiences, demonstrate working conditions that may be expected in a specific program, and allow the student to function in a training setting. The pilot summer program is intended to improve placement of students who plan to enter the Area Vocational Career Center program for the first time.

SB005134 **VTP-2070**

Intensive Training for Teacher Aides Working with Hearing Impaired Children.
Project Director: Garrett, Ann Hansen
Organization: McLennan Community Coll., Waco, Tex.
Funding Period: Start Date 1 Jun 75; End Date 31 Aug 75

The objectives of this project are to plan, develop, and implement extended twenty-four hour per day living and learning experiences for sixty-four persons who are either presently employed as paraprofessionals working with deaf and hard-of-hearing children or training for this job. They will work as counselors in an outdoor camp for four weeks with 150 deaf and hard-of-hearing children ages seven-to-twelve.

SB005135 **VTP-2069**

Development and Examination of an Instructional Paradigm and Auto-Instructional Materials for Teaching Vocational and Pre-Vocational Curriculum-Based Concepts to Mildly Retarded, Borderline Intelligence, and Educationally Disadvantaged Students.
Project Director: Clark, Donald L.
Organization: Texas A and M Univ., College Station. Coll. of Education.
Funding Period: Start Date 1 Jun 75; End Date 30 Jun 76

The objective of the study is to develop, implement, and examine a research-based instructional paradigm and auto-instructional materials for teaching prevocational and vocational curriculum-based concepts to mildly retarded, borderline intelligent, and educationally disadvantaged students participating in special or regular vocational education programs. Correlation studies will be made between selected student variables, and differences in concept attainment and retention will be assessed through a randomized control group pretest and posttest.

SB005136

Occupational-Technical Curriculum T.V. Study.
Project Director: McClure, Lyndon
Organization: Dallas County Community Coll. District, Tex.
Funding Period: Start Date 1 May 73; End Date 30 Jun 75

This project seeks to study the feasibility of occupational education course presentation via television. It will determine those subjects best suited for such presentation, potential enrollment, alternative program format, best pilot courses, and will evaluate course effectiveness. Project staff will survey instructors, develop material for presentation, and assess effectiveness.

SB005137

Development of Curriculum Materials for Competency Based Postsecondary Vocational Technical Teacher Education Programs.
Project Director: Pope, Billy N.
Organization: Education Service Center Region 8, Mt. Pleasant, Tex.

The aim of this project is to develop and make available curriculum materials to be used for developing selected competencies common to all vocational and technical teachers and especially teachers of health, distributive, and industrial occupations at the postsecondary level. Data will be presented at a state-wide conference. The five phases of the project will include selection of competencies, development of modules and materials, field testing, revision of materials, and preparation for distribution.

SB005138

Development and Evaluation of a Pilot Element in a Statewide Career Education Delivery System.
Project Director: Abernathy, Lewis M.
Organization: North Texas State Univ., Denton.

This project is designed to develop and evaluate a pilot element of a state-wide delivery system for career education and identify and define thirty basic career and world of work education concepts. The research project is composed of three phases: identification and definiton of thirty concepts, development and production of a staff development program, and piloting and evaluation of the delivery system element.

SB005139

Development of a Career Education Curriculum for Deaf Students at the Texas School for the Deaf.
Project Director: Howze, James S.
Organization: Texas School for the Deaf, Austin.

The purposes of this program are to provide for the noncollege-bound student an academic curriculum that departs from traditional methods, but relates to the skills and attitudes essential for vocational training; provide younger students with more career awareness opportunities; and provide all students with background in job opportunities and responsibilities, and employer-employee relationships. A

project coordinator will work with others to develop a career oriented curriculum and coordinate pilot testing and mediation.

SB005140 **VTP-1336**

Development of Instructional Module, "Health Care Organizations, Facilities and Personnel."
Project Director: Ramey, Irene
Organization: Texas Woman's Univ., Denton.
Funding Period: Start Date 10 May 74; End Date 31 Jan 75

The goal of this project is to conduct a three-day workshop to develop a health instructional module. Instructional materials, learning activities, and evaluation instruments will be developed at this workshop. The module will be tested for effectiveness through a pilot test and a field test.

SB005141 **VTP-1552**

Application of Systems Analysis Techniques to Vocational-Occupational Curriculum Planning.
Project Director: Jones, Webb
Organization: East Texas State Univ., Commerce. Dept. of Secondary and Higher Education.

The aim of this project is to familiarize vocational occupational staff with basic systems analysis approaches to total curriculum planning and development. A two-day workshop will be held for vocational directors and other administrators to review a basic systems approach to the curricula planning and development process.

SB005142

Vocational Education in Texas High Schools: An Ethnic Comparison.
Project Director: Williams, J. Earl
Organization: Houston Univ., Tex. Center for Human Resources.

This project's goal is to document and profile the educational and training experiences of black high school students, graduates, and dropouts in selected regions. Project staff will combine this data with data collected on Mexican-Americans to provide information for a thorough ethnic analysis. Staff will conduct interviews in the field and compile data from a broad range of students, school personnel, employers, and community leaders.

SB005143

A Study of Construction Technology Curriculums and Construction Industry Needs, with a Suggested Approach to Curriculum Development in Building Technology Training in Texas Community Colleges.
Project Director: Rambo, Gerald
Organization: Paris Junior Coll., Tex.

It is this project's aim to provide substantiation for curriculum development in building and construction technology through (1) bibliography development, (2) identification of existing programs, (3) training needs identification, and (4) evaluation and follow-up. Procedures include literature search, program visitation, and interview with employers. A pilot program will be developed for the postsecondary level, followed by program evaluation and publication of results.

SB005144

A Study of Manpower Training Requirements for the Texas Agricultural Industry.
Project Director: Fritsch, Conrad F.
Organization: Texas A and M Univ., College Station. Texas Agricultural Experiment Station.

The purpose of this project is to provide information necessary for systematic labor market analysis and prediction of future employment opportunities in agriculture. It will survey number, kind, and location of agricultural industries and job opportunities. It will identify skill and minimum entry requirements, identify new areas of development, and make projections of future manpower and training needs. It will gather data through appropriate instruments and liaison with industry leaders and community organizations.

SB005145

Analysis of Effects of the Change in the Basis of Funding Apprenticeship Related Instruction in Public Schools.
Project Director: Mansfield, W. B.
Organization: Texas A and M Univ., College Station.

This project seeks to study changes in the funding of apprentice-related instruction to compare past and present methods, determine the adequancy of the new funding pattern, make recommendations for adjustments, and identify private sector capabilities for consideration. Data will be gained through personal interview with local program operators, compiled, and made available to the Apprenticeship and Training Association of Texas.

SB005146

Statewide Survey of Current and Future Employment Levels of Licensed Dental Hygienists.
Project Director: Webb, Morris S.
Organization: Texas State Technical Inst., Waco.

This project is designed to identify the current and future needs for trained dental hygienists in Texas. Project staff will prepare and distribute by mail questionnaires to all dentists and licensed hygienists in the state. Data collected will form a master file for immediate and future evaluation of programs.

SB005147 **VTP-1554**

Training in a Summer Camp Setting for Paraprofessionals Working with the Deaf and Hard of Hearing.
Project Director: Garrett, Ann Hansen
Organization: McLennan Community Coll., Waco, Tex.

The goals of this project are to develop and provide an intensive training experience for forty persons working in paraprofessional roles with the deaf and hard of hearing and provide career exploration experiences for twenty persons interested in a career related to the handicapped. A twenty-four hour experience living with the handicapped children and instruction in child development, skills, and behavior concepts will be provided. Sixty persons will spend three weeks at a summer camp as counselors with deaf and hard of hearing children.

Fiscal Year 1976

SB005148

A Career Education Project for the Texas School for the Deaf.
Project Director: Johnson, Efford
Organization: Texas School for the Deaf, Austin.
Funding Period: Start Date 1 Jun 76; End Date 31 Jul 76

This project plans to develop and duplicate teacher guides and materials for grades 1-8, train teachers in career education concepts and techniques appropriate to deaf students, and develop a plan for implementing career education in grades 1-12. It also plans to develop an accountability and recording system. Procedures include a three-week workshop using experienced staff.

SB005149 **VTP-2237**

The Impact of Numerical Control Technology and Computer-Aided Manufacturing on Curriculum Development in Industrial Education and Technology.
Project Director: Boone, James L.
Organization: Texas A and M Univ., College Station.
Funding Period: Start Date 16 Sep 75; End Date 30 Jun 76

This study will focus on the changing needs and requirements of industry and the individuals preparing for employment in Numerical Control Technology/Computer-Aided Manufacturing related fields. The opinion of industrial representatives and attitudes of educators will be determined and compared. Two main phases of research will accomplish the stated objectives through a nationwide survey.

SB005150 **VTP-2388**

The Assessment and Dissemination of Competency Based Modules Produced by Coordinated Vocational Academic Education Home Economics Teachers for an In-Service Training Workshop.

Project Director: Rooney, Terry
Organization: Houston Univ., Tex.
Funding Period: Start Date 15 Nov 75; End Date 30 Jun 76

Through implementation of the modules produced for this project, an attempt will be made to provide a competency based curriculum in modular form with multiple entry and exit options. The modules will be independent units, containing a pre-assessment and postassessment to measure competencies. Three phases of action will be necessary to complete the predetermined goals of this project.

SB005151 **VTP-2302**

Development of a Data Base for Curriculum Development in Distribution and Marketing.
Project Director: Pope, Billy N.
Organization: Educational Personnel Development Consortium D, Richardson, Tex.
Funding Period: Start Date 1 Oct 75; End Date 30 Sep 76

This project seeks to establish a data base for collecting information necessary for developing a sequential curriculum in distribution and marketing for professional preparation of personnel in high school through college. A data collection system will be designed and implemented, occupational clusters and their tasks will be identified, and a literature review will be conducted.

SB005152 **VTP-2304**

Identification and Validation of Competencies for Teacher Education-Agriculture.
Project Director: Herring, Don R.
Organization: Texas A and M Univ., College Station.
Funding Period: Start Date 1 Oct 75; End Date 31 Aug 76

This project will identify and validate competencies required for entry into the professional role of the teacher of vocational agriculture and initiate procedures for incorporating the validated competencies into teacher education programs. An advisory committee will plan strategies for two working conferences to identify the competencies needed. Validation of the competencies will be accomplished via a mailed survey instrument.

SB005153

A Study to Determine the Need for Development of a Vocational Education Program in Solar Energy Technology.
Project Director: Green, C. Paul
Organization: Navarro Coll., Corsicana, Tex.
Funding Period: Start Date 1 Mar 76; End Date 30 Jun 76

The aim of this project is to determine the need for a vocational education program in solar energy technology since no such programs are known to be available. The project will assemble an advisory committee of experts, discuss objectives, and make recommendations. A final report assessing the need will go to the Texas Education Agency.

SB005154 **VTP-2490**

Development of Coordinator's Handbook for Post Secondary Distribution and Marketing Program.
Project Director: Holder, Doyle
Organization: North Texas State Univ., Denton.
Funding Period: Start Date 1 Ma. 76; End Date 31 Aug 76

The purpose of this project is to develop a handbook to assist administrators, supervisors, and teacher coordinators in the effective planning, implementing, operating, and evaluating of postsecondary distribution and marketing programs. A group of seventeen experienced teacher coordinators will prepare the handbook.

SB005155 **VTP-2389**

Vocational Education Programming for Special Education Students in Texas.
Project Director: Fair, George W.
Organization: Texas Univ., Dallas.
Funding Period: Start Date 26 Jan 76; End Date 30 Jun 76

The project is designed to gather data on the status of vocational education programming for handicapped students and the extent of mainstreaming into regular vocational education programs. The number of handicapped students who completed classes will be determined, and the number of students who are not enrolled because there are no classes will be estimated. A mail survey will be made of all local school districts which have a program, and a sample of twenty schools will receive onsite visits.

SB005156

Short-Term Study in Instructional Methodology for Community College Occupational Faculty: A Pilot Approach.
Project Director: Moseley, Bill R.
Organization: Paris Junior Coll., Tex.

This project intends to provide formal training in instructional theory, methodology, and philosophy to postsecondary instructors to broaden and improve their teaching competence. It will include methodology classes, instruction and practice in nonprint media use, and curriculum materials development to augment practical knowledge and teacher experience with appropriate teaching.

SB005157 **VTP-2491**

A Project to Rewrite and Restructure the Competitive Events for the Distributive Education Clubs of America, Texas Association.
Project Director: Speary, William A.
Organization: Houston Univ., Tex. Coll. of Technology.
Funding Period: Start Date 1 Feb 76; End Date 31 Dec 76

The objective of this project is to develop a competitive events program that will require individual competitors to demonstrate a wide range of competencies required for employment in distribution and marketing occupations. A work committee and an advisory committee will be selected to develop and evaluate the program.

SB005158 **VTP-2303**

Development of a Pre-Vocational Training Program for the Deaf-Blind.
Project Director: Finegan, Sean
Organization: Richmond State School, Tex.
Funding Period: Start Date 1 Nov 75; End Date 30 Jun 76

This project will serve deaf/blind individuals who are presently not receiving prevocational services. Needs will be defined; interagency collaboration, development, implementation, and evaluation will be established; a staff and a parent training program will be conducted; and a prevocational curriculum will be developed. A series of activities, events, and evaluations will occur over a three-year period.

SB005159

Job Placement Services Research Study.
Project Director: McLeod, Pat N.
Organization: North Texas State Univ., Denton.
Funding Period: Start Date 1 Apr 76; End Date 31 Jul 76

Among the objectives of this project are a determination of the need for programs in employability skill development and job placement and an evaluation of the effectiveness of existing employability skill development and job placement programs in relation to student curriculum. Project staff will collect data through sampling, questionnaires, and interviews with public school superintendents, teachers, and counselors, and with similar personnel on the postsecondary level.

SB005160 **VTP-2527**

Development and Examination of Instructional Materials on Counseling for Distributive Education Coordinators.
Project Director: Clark, Donald L.
Organization: Texas A and M Univ., College Station.
Funding Period: Start Date 1 Apr 76; End Date 31 Aug 77

The objective of this project is to develop and pilot test twenty realistic case studies which would enable distributive education coordinators in training to learn counseling techniques which are recommended by experts. Specific procedures will be determined through interviews with experts, and case studies will be prepared based on kinds of problems most often encountered.

SB005161 **VTP-2528**

The Need for Bilingual Vocational Educational Programs in Secondary Schools in Texas.
Project Director: Salazar, Arturo
Organization: Texas A and M Univ., College Station.
Funding Period: Start Date 1 May 76; End Date 31 Aug 76

The objective of this project is to determine the extent of the need for bilingual vocational education programs in the secondary schools as perceived by bilingual directors, vocational directors, vocational

counselors, secondary school counselors, and industry representatives. The design of the study will include selection of the five groups and development of an opinionnaire to obtain data relevant to the program.

SB005162

Compilation and Annotation of Information About Current Individualized Instruction in Vocational-Technical Education in Texas Community/Junior Colleges and Development of Missing Components.
Project Director: Wilkerson, George J.
Organization: Austin Community Coll., Tex.

The goals of this project are to enable students to select a skill training program based on interest resulting from actual exploratory experiences, demonstrate working conditions that may be expected in a specific program, and allow the student to function in a training setting. The pilot summer program is intended to improve placement of students who plan to enter the Area Vocational Career Center program for the first time.

SB005163

The Development of Five Individualized Learning Modules for Pre-Service and In-Service Training of Occupational and Technical Administrators.
Project Director: Gross, Edmund
Organization: Dallas County Community Coll. District, Tex.

The goals of this project are to develop five independent study modules containing the knowledge and skills essential to community college administration, test and evaluate these packages by selected administrators, and conduct an inservice training program. The competencies will be identified and developed into the modules.

SB005164

Women in Vocational Education.
Project Director: Champagne, Joseph E.
Organization: Houston Univ., Tex. Center for Human Resources.

The goals of this project are to develop a model to recruit males and females into vocational programs that have previously been dominated by members of the other sex, improve the image of vocational education, modify attitudes and instructional methods for the female students, and inform students about the labor market. The model will be developed through a demonstration project, and the progress and problems of the students will be monitored and documented.

SB005165

The Identification of Texas Anglo, Black, and Chicano Child Rearing and Child Care Practices in Relation to Child Care Career Competencies.
Project Director: Stewart, Ida S.
Organization: Houston Univ., Tex.

The objectives of this project are to identify Anglo, black, and Chicano child rearing and child care center practices and compare them in relation to culture and to vocational training for child care personnel. Interview instruments to elicit data from parents, center personnel, and professionals will be pilot tested. Research assistants will administer the instruments to a sample from each region, and culturally relevant competencies will be derived from the data.

SB005166

The Development of Individualized Supportive Services for Physically and Sensorially Limited Adults at Postsecondary Area Vocational Schools.
Project Director: McClanahan, Ruby F.
Organization: McLennan Community Coll., Waco, Tex.

A coordinated program of supportive services will be researched, developed, and provided on an individualized basis to physically and sensorially limited adults so they can explore and pursue occupationally oriented training/educational programs. Available services will be researched via literature, agencies, and on-site visitations. Potential recipients of these services will be identified and recruited.

SB005167

Intensive Training for Teacher Aides Working with Hearing Impaired Children.
Project Director: Garrett, Ann Hansen
Organization: McLennan Community Coll., Waco, Tex.

The objectives of this project are to plan, develop, and implement extended twenty-four hour per day living and learning experiences for sixty-four persons who are either presently employed as paraprofessionals working with deaf and hard-of-hearing children or training for this job. They will work as counselors in an outdoor camp for four weeks with 150 deaf and hard-of-hearing children ages seven-to-twelve.

SB005168

Employment Opportunities and Training Needs in Agriculture.
Project Director: Holcomb, John W.
Organization: Texas A and M Univ., College Station. Dept. of Agricultural Education.

The objectives of this project are to identify, refine, and validate competencies in horse and cotton production required at the entry and advanced level of employment; interpret data on employment and training needs in agribusiness; and update the employment and training needs in agribusiness. A project team will conduct these activities and submit them to an advisorty committee.

SB005169

Development and Examination of an Instructional Paradigm and Auto-Instructional Materials for Teaching Vocational and Pre-Vocational Curriculum-Based Concepts to Mildly Retarded, Borderline Intelligence, and Educationally Disadvantaged Students.
Project Director: Clark, Donald L.
Organization: Texas A and M Univ., College Station. Coll. of Education.

The objective of the study is to develop, implement, and examine a research-based instructional paradigm and auto-instructional materials for teaching prevocational and vocational curriculum-based concepts to mildly retarded, borderline intelligent, and educationally disadvantaged students participating in special or regular vocational education programs. Correlation studies will be made between selected student variables, and differences in concept attainment and retention will be assessed through a randomized control group pretest and posttest.

SB005170

Development of Videotapes for Mental Health Associate Programs.
Project Director: Whitley, Jeff
Organization: Texas Univ., Galveston. Medical Branch, Div. of Community and Social Psychiatry.

This project seeks to develop videotapes for use in Mental Health Associate Programs through collaborative effort. Project staff will meet with Mental Health Associate Program representatives to decide on topics and format, and development priorities. The project will produce, distribute on a pilot basis, and evaluate a minimum of ten tapes.

SB005171

Occupational Analysis of Day Care Workers and Supervisors in the State of Texas.
Project Director: Alciatore, Robert
Organization: Texas Univ., San Antonio.

The objectives of the project are to develop an inventory of tasks performed by child care workers and group them into levels, develop position descriptions composed of related tasks and responsibilities and organize them on a career ladder, and determine the knowledge and skills needed to perform the task in each position. The study involves the development, administration, and analysis of a job inventory. The survey will be administered to a sample of approximately 1,000 individuals.

SB005172

Production and Implementation of Nursing Audio-Visual Instruction to Spanish.

Project Director: West, Lee
Organization: Laredo Junior Coll., Tex.

This project seeks to increase the number of Mexican-Americans completing the health assistant level of the nursing program, increase the level of competency in nursing skills, and increase the level of bilingual competency. The major thrust of the project is the translation of the fifty hours of English audiovisual instruction which is the instructional base for the course of study.

SB005173

Development of a Career Education Curriculum for Deaf Students at the Texas School for the Deaf.
Project Director: Howze, James S.
Organization: Texas School for the Deaf, Austin.

The purposes of this program are to provide for the noncollege-bound student an academic curriculum that departs from traditional methods, but relates to the skills and attitudes essential for vocational training; provide younger students with more career awareness opportunities; and provide all students with background in job opportunities and responsibilities, and employer-employee relationships. A project coordinator will work with others to develop a career oriented curriculum and coordinate pilot testing and mediation.

SB005174

Career Interest Characterizing and Reporting System.
Project Director: Harris, Jerry
Organization: Texas State Technical Inst., Waco.
Funding Period: Start Date 1 May 76; End Date 31 May 77

This project's objectives include updating the existing survey instrument to reflect current changes and occupational clusters; implementing the survey in the secondary school counseling programs; and collecting, analyzing, and disseminating the findings. Procedures include revising, administering, and processing the career interest survey, and analyzing and disseminating data.

Fiscal Year 1977

SB005175

A Study to Determine the Effectiveness of an Invitational Regional Workshop as a Device for Upgrading the Purpose, Functions, and Responsibilities of Local Advisory Councils to Vocational-Technical Education.
Project Director: Jones, Webb
Organization: East Texas State Univ., Commerce.
Funding Period: Start Date 1 Feb 77; End Date 30 Jun 77

The aims of this project are to develop a systematic continuing orientation and education program for local advisory councils by setting up a regional workshop determining workshop effectiveness, functions, and responsibilities; and assessing transportability of the model. The model developed should have broad applicability to other regions.

SB005176

Study to Determine the Feasibility of Bilingual Vocational Training Through the Border Junior College Consortium Approach.
Organization: Laredo Junior Coll., Tex.
Funding Period: Start Date 1 Jun 77; End Date 30 Sep 77

This project will study the feasibility of using the consortium's bilingual vocational training and job placement program to deal with the unemployment problem along the Mexican border. A report will recommend future action.

SB005177

The Development of Individualized Supportive Services for Physically and Sensorially Limited Adults at a Post-Secondary Area Vocational School.
Project Director: McClanahan, Ruby F.
Organization: McLennan Community Coll., Waco, Tex.

A coordinated program of supportive services will be researched, developed, and provided on an individualized basis to physically and sensorially limited adults so they can explore and pursue occupationally oriented training/educational programs. Available services will be researched via literature, agencies, and on-site visitations. Potential recipients of these services will be identified and recruited.

SB005178

Development of a Pre-Vocational Training Program for the Deaf-Blind.
Project Director: Finegan, Sean
Organization: Richmond State School, Tex.

This project will serve deaf/blind individuals who are presently not receiving prevocational services. Needs will be defined; interagency collaboration, development, implementation, and evaluation will be established; a staff and a parent training program will be conducted; and a prevocational curriculum will be developed. A series of activities, events, and evaluations will occur over a three-year period.

SB005179

Development and Examination of Instructional Materials on Counseling for Distributive Education Coordinators.
Project Director: Clark, Donald L.
Organization: Texas A and M Univ., College Station.
Funding Period: Start Date 1 Apr 76; End Date 31 Aug 77

The primary objective of this study is the development and pilot testing of twenty realistic case studies which would enable distributive education coordinators in training to learn counseling techniques recommended by counseling experts. Frequently encountered problems will form the bases of the case studies which will then be judged by a jury of six coordinators, evaluated, and pilot tested prior to distribution.

SB005180

Career Interest Characterizing and Reporting System.
Project Director: Harris, Jerry
Organization: Texas State Technical Inst., Waco.
Funding Period: Start Date 1 May 76; End Date 31 May 77

This project's objectives include updating the existing survey instrument to reflect current changes and occupational clusters; implementing the survey in the secondary school counseling programs; and collecting, analyzing, and disseminating the findings. Procedures include revising, administering, and processing the career interest survey, and analyzing and disseminating data.

SB005181

A Project to Rewrite and Restructure the Competitive Events for the Distributive Education Clubs of America, Texas Association.
Project Director: Speary, William A.
Organization: Houston Univ., Tex. Coll. of Technology.
Funding Period: Start Date 1 Feb 76; End Date 31 Dec 76

This project's objective is to develop a competitive events program requiring a wide range of those competencies needed for employment in distribution and marketing occupations. A work committee and an advisory committee will develop and evaluate the program.

SB005182 **VTP-2388**

The Assessment and Dissemination of Competency Based Modules Produced by Coordinated Vocational Academic Education Home Economics Teachers for an In-Service Training Workshop.
Project Director: Rooney, Terry
Organization: Houston Univ., Tex. Dept. of Home Economics.
Funding Period: Start Date 15 Nov 75; End Date 30 Jun 77

This three-phase project aims to assess, refine, and disseminate competency-based modules with multiple entry/exit options. The modules will be produced in an inservice training workshop, implemented, and assessed for effectiveness in a variety of programs.

SB005183 **VTP-2627**

Development of a Career Education Delivery System Model for Correctional Institutions.
Project Director: Farris, Maxia
Organization: Windham School District, Huntsville, Tex.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project proposes to develop a model for implementing a career education program in a correctional setting. Adult correctional institutions will be surveyed to determine the existing career education models, the models will be synthesized and evaluated, and a delivery system for the model will be developed. Current curriculum development in adult career education will be researched and utilized.

SB005184

Curriculum Development for Specializd Distributive Occupational Areas.
Project Director: Patterson, Edith
Organization: Houston Independent School District, Tex.
Funding Period: Start Date 1 Oct 77; End Date 30 Jun 78
Contract and/or Control No.: 865/8/10/77/4-628

The aim of this project is to field test, evaluate, revise, and prepare for publication curriculum guides in the specialized distributive education areas of fashion retailing, food distribution, industrial/-wholesale marketing, and finance and credit.

SB005185

An Assessment of the Advisory Council for Technical-Vocational Education.
Project Director: Skinkle, John
Organization: Texas A and M Univ., College Station.
Funding Period: Start Date 1 Oct 77; End Date 30 Jun 78
Contract and/or Control No.: 851/10/7/77/2-899

This project plans to review and summarize the history of the establishment, membership, and implementation of the council. Other objectives include analyzing and categorizing council recommendations and council influence on State Board for Vocational Education policy and making recommendations for improving council effectiveness. Procedures will include a systematic review of all council publications and actions and analysis by project staff.

SB005186

An Assessment of the Basic Curriculum Guide for Teaching Vocational Agriculture in Texas.
Project Director: Brown, Herman D.
Organization: Texas A and M Univ., College Station.
Funding Period: Start Date 1 Oct 77; End Date 30 Jun 78
Contract and/or Control No.: 851/10/6/77/1-894

This project's primary objective is a comprehensive analysis and revision of the basic curriculum for teaching production agriculture in Texas. Project staff will survey other states' programs and resource materials, develop an instrument to ascertain teacher attitudes, and meet with state advisory committees which will validate the revised curriculum.

SB005187

Perceived Importance of and Relative Time Spent on Tasks Performed by Secondary Cooperative Vocational Coordinators with Implications for Certification and Teacher Education.
Project Director: Christiansen, James E.
Organization: Texas A and M Univ., College Station.
Funding Period: Start Date 1 Oct 77; End Date 30 Jun 78
Contract and/or Control No.: 851/10/7/77/3-900

This study will measure the perceived importance of actual tasks performed and the relative time spent on tasks by cooperative vocational coordinators. Commonalities among program areas will be examined for implications for curriculum development, certification requirements, inservice programs, and teacher aide utilization. Procedures include development of a suggested task list and a questionnaire to be administered to cooperative vocational cordinators.

SB005188

Development and Implementation of a Training Curriculum/Program in Solar Heating and Cooling at the Technician Level.
Project Director: Troutman, C. Walter
Organization: Texas State Technical Inst., Waco.
Funding Period: Start Date 1 Oct 77; End Date 31 Jan 78
Contract and/or Control No.: 851/10/5/77/10-891

This project's three main aims are to develop a flexible curriculum to train solar energy-based systems installation, maintenance, and repair personnel; design a training program to train this workforce; and foster implementation of the technology through workshops, seminars, courses, and publicity. Project staff will work with a School Industry Cooperative Committee and a Project Advisory Committee, and make use of experience gained in the field.

Part D

Fiscal Year 1970

SB005189

A Professional Improvement Institute for Teachers of Phase I of an Environmental Technologies Curriculum for High School Students.
Organization: Texas A and M Univ., College Station. Coll. of Education.

Descriptive information unavailable.

SB005190

The Proposal of a Bilingual Office Occupations Pilot Demonstration Program.
Organization: Brownsville Consolidated Independent School District, Tex.

Descriptive information unavailable.

SB005191

A System for Planning and Development of Occupational Education.
Organization: Construction Industry Council, Tex.

Descriptive information unavailable.

SB005192

Exemplary Program for Environmental Technology.
Organization: Texas Education Agency, Austin.

Descriptive information unavailable.

Fiscal Year 1971

SB005193

The Proposal of a Bilingual Office Occupations Pilot Demonstration Program.
Organization: Brownsville Consolidated Independent School District, Tex.

Descriptive information unavailable.

SB005194

A System for Planning and Development of Occupational Education.
Organization: Construction Industry Council, Tex.

Descriptive information unavailable.

SB005195

Exemplary Program for Environmental Technology.
Organization: Texas Education Agency, Austin.

Descriptive information unavailable.

SB005196

Environmental Technology Instructional Training Program.
Organization: Texas Education Agency, Austin.

Descriptive information unavailable.

Fiscal Year 1972

SB005197

Exemplary Program for Environmental Technology.
Organization: Texas Education Agency, Austin.

Descriptive information unavailable.

SB005198

Coordinated Effort for Career Education (CECE): Analysis of 15 Occupational Clusters Identified by the U.S.O.E.
Project Director: Vestal, Theodore M.

Organization: Grayson County Coll., Denison, Tex.
Funding Period: Start Date 1 Jun 72; End Date 30 Jun 73

This project seeks to analyze the fifteen occupational clusters identified by the U.S. Office of Education to determine what activities and occupational titles are included in each. Objectives are to determine the scope of the fifteen clusters, review the literature pertinent to each, and write a booklet on each cluster containing the analysis results. This model analysis will assist educators in planning and implementing career education programs.

SB005199

Demonstration Project for a Career Guidance and Information Dissemination Center.
Organization: Texas Education Agency, Austin.
Descriptive information unavailable.

SB005200

Career Education Project.
Organization: Texas Education Agency, Austin.
Descriptive information unavailable.

SB005201

Occupational Orientation Teacher Education.
Organization: Texas Education Agency, Austin.
Descriptive information unavailable.

SB005202

Occupational Orientation Teacher Education.
Organization: Texas Education Agency, Austin.
Descriptive information unavailable.

Fiscal Year 1973

SB005203

Awareness of the World of Work - K-6.
Organization: Lockhart Independent School District, Tex.
Descriptive information unavailable.

SB005204

Demonstration Project for a Career Guidance and Information Dissemination Center.
Organization: Austin Independent School District, Tex.
Descriptive information unavailable.

SB005205 VTP-770

Coordinated Effort for Career Education (CECE): Computer Assisted Guidance Component.
Project Director: Vestal, Theodore M.
Organization: Grayson County Coll., Sherman/Denison, Tex.
Funding Period: Start Date 1 Jun 72; End Date 30 Jun 73

The objectives of this project are to use the computer as a resource to provide high school and junior college students with an organized system for disseminating career education information; provide this dissemination in light of the student's abilities, interests, and achievements; and teach decision making and make information available to counselors. The computerized vocational information system will be made available to all participating schools.

SB005206

Awareness of the World of Work.
Organization: Industrial Independent School District, Vanderbilt, Tex.
Descriptive information unavailable.

SB005207

Career Education and Occupational Orientation.
Organization: Petersburg Independent School District, Tex.
Descriptive information unavailable.

SB005208

Community Involvement.
Organization: Harlandale Independent School District, San Antonio, Tex.
Descriptive information unavailable.

Fiscal Year 1974

SB005209

Career Awareness Elementary Grades K-6.
Organization: Austin Independent School District, Tex.
Descriptive information unavailable.

SB005210

Coordinated Effort for Career Education (CECE) - "Awareness K-6."
Project Director: Vestal, Theodore M.
Organization: Grayson County Coll, Sherman/Denison, Tex.
Descriptive information unavailable.

SB005211

Coordinated Effort for Career Education (CECE) - "Awareness K-6."
Project Director: Vestal, Theodore M.
Organization: Grayson County Coll., Sherman/Denison, Tex.
Descriptive information unavailable.

SB005212

Career Awareness.
Organization: Greenville Independent School District, Tex.
Descriptive information unavailable.

SB005213

Occupational Awareness K-9.
Organization: Industrial Independent School District, Vanderbilt, Tex.
Descriptive information unavailable.

SB005214

Career Education and Occupational Orientation (Pilot Project)- "Career Awareness."
Organization: Petersburg Independent School District, Tex.
Descriptive information unavailable.

SB005215

Demonstration Project for a Career Guidance and Information Dissemination Center.
Organization: Austin Independent School District, Tex.
Descriptive information unavailable.

SB005216

Occupational Orientation Career Education K-8.
Organization: Georgetown Independent School District, Tex.
Descriptive information unavailable.

SB005217

Travel Expenses for Occupational Orientation Personnel.
Organization: Texas Education Agency, Austin.
Descriptive information unavailable.

Fiscal Year 1975

SB005218

Project SAVE - Students Achieving Vocational Education.

Organization: Stephenville Independent School District, Tex.
Descriptive information unavailable.

SB005219

Career Awareness in Elementary.
Organization: Petersburg Independent School District, Tex.
Descriptive information unavailable.

SB005220

A Program to Enhance the Student's Ability to Make Meaningful Decisions About Career and the World of Work.
Organization: Greenville Independent School District, Tex.
Descriptive information unavailable.

SB005221

Occupational Orientation.
Organization: Kennedale Independent School District, Tex.
Descriptive information unavailable.

SB005222

Exemplary Project for Occupational Investigation for Grapevine Middle School.
Organization: Grapevine Independent School District, Tex.
Descriptive information unavailable.

SB005223

Occupational Orientation.
Organization: Industrial Independent School District, Vanderbilt, Tex.
Descriptive information unavailable.

SB005224

Occupational Investigation.
Organization: West Oso Independent School District, Corpus Christi, Tex.
Descriptive information unavailable.

SB005225

Occupational Orientation for Burleson Independent School District, Grade 8.
Organization: Burleson Independent School District, Tex.
Descriptive information unavailable.

SB005226

Occupational Exploration in Office Occupations.
Organization: Pharr-San Juan-Alamo Independent School District, Pharr, Tex.
Descriptive information unavailable.

SB005227

Occupational Investigation for the New Caney Middle School.
Organization: New Caney Independent School District, Tex.
Descriptive information unavailable.

SB005228

Career Orientation Grades 7 and 8, John Glenn Junior High School.
Organization: San Angelo Independent School District, Tex.
Descriptive information unavailable.

SB005229

Occupational Orientation.
Organization: DeSoto Independent School District, Tex.
Descriptive information unavailable.

SB005230

Occupational Investigation-Grade 8.
Organization: Dickinson Independent School District, Tex.
Descriptive information unavailable.

SB005231

Investigating Occupational Alternatives.
Organization: Calhoun County Independent School District, Pt. Lavaca, Tex.
Descriptive information unavailable.

SB005232

Occupational Orientation.
Organization: Austin Independent School District, Tex.
Descriptive information unavailable.

SB005233

Career Awareness.
Organization: Austin Independent School District, Tex.
Descriptive information unavailable.

SB005234

Occupational Orientation at the Junior High Level.
Organization: Abilene Independent School District, Tex.
Descriptive information unavailable.

SB005235

Improving Occupational Exploration and Career Planning Through the Development and Widespread Utilization of Career Development Resources.
Organization: Education Service Center Region 8, Mt. Pleasant, Tex.
Descriptive information unavailable.

SB005236

Occupational Investigation.
Organization: Petersburg Independent School District, Tex.
Descriptive information unavailable.

SB005237

Coordinated Effort for Career Education (CECE) - "Awareness K-6."
Project Director: Vestal, Theodore M.
Organization: Grayson County Coll., Sherman/Denison, Tex.
Descriptive information unavailable.

SB005238

Coordinated Effort for Career Education (CECE) - "Awareness K-6."
Project Director: Vestal, Theodore M.
Organization: Grayson County Coll., Sherman/Denison, Tex.
Descriptive information unavailable.

SB005239

A Program to Help Students Make Meaningful Career Decisions: Investigation Phase.
Organization: McKinney Independent School District, Tex.
Descriptive information unavailable.

SB005240

Occupational Orientation.
Organization: Sulphur Springs Independent School District, Tex.
Descriptive information unavailable.

Fiscal Year 1976

SB005241

Texas Occupational Orientation Workshop for Teacher Education.
Organization: Education Service Center Region 2, Corpus Christi, Tex.
Descriptive information unavailable.

SB005242

Occupational Orientation Teacher Training.
Organization: Education Service Center Region 10, Richardson, Tex.
Descriptive information unavailable.

SB005243

Coordinated Effort for Career Education (CECE) - "Awareness K-6."
Organization: Grayson County Coll., Sherman/Denison, Tex.
Descriptive information unavailable.

SB005244

Coordinated Effort for Career Education (CECE) - "Awareness K-6."
Organization: Grayson County Coll., Denison, Tex.
Descriptive information unavailable.

SB005245

An Exemplary Program for Eighth and Ninth Grade Students in the Cluster of Marketing and Distribution.
Organization: Houston Independent School District, Tex.
Descriptive information unavailable.

SB005246

Project RACE: Research Activities for Career Education, Employability Skill Development.
Organization: Weatherford Independent School District, Tex.
Descriptive information unavailable.

SB005247

Project RACE: Research Activities for Career Education, Awareness Phase.
Organization: Weatherford Independent School District, Tex.
Descriptive information unavailable.

SB005248

An Exemplary Program for Eighth and Ninth Grade Students in the Cluster of Marketing and Distribution.
Organization: Houston Independent School District, Tex.
Descriptive information unavailable.

Fiscal Year 1977

SB005249

An Exemplary Program for Eighth and Ninth Grade Students in Cluster of Marketing and Distribution.
Organization: Houston Independent School District, Tex.
Descriptive information unavailable.

SB005250

Occupational Orientation, Teacher Education.
Organization: Educational Personnel Development Consortium D, Richardson, Tex.
Descriptive information unavailable.

UTAH

Part C

Fiscal Year 1971

SB005251

Development of an Anesthesia Technician Training Curriculum.
Organization: Utah State Board of Education, Salt Lake City. Div. of Research and Innovation.

Descriptive information unavailable.

SB005252

Post High School Orientation Program Evaluation.
Organization: Utah State Board for Vocational Education, Salt Lake City.

Descriptive information unavailable.

SB005253

A Project to Develop an Instructional Packet for Advisory Committees in Vocational Education to be Used in the Orientation of School Personnel and Committee Members.
Project Director: Stephens, John F.
Organization: Utah State Board of Education, Salt Lake City. Div. of Research and Innovation.
Contract and/or Control No.: 603046

The purpose of this project is to develop an instructional packet which will be sent to each district in the state. The packet will contain information concerning the establishment, orientation, and development of advisory committees for vocational education. The packet will also include suggestions to school personnel on the use of advisory committees.

SB005254

An Evaluation of the Teacher Training Program for Consumer Homemaking Education in Utah.
Project Director: Gaddis, G. Warren
Organization: Utah State Board of Education, Salt Lake City. Div. of Research and Innovation.

Home economics courses in three designated universities in the state will be evaluated as to their effectiveness in secondary teacher preparation. Approximately seventy secondary teachers who were trained at one of the three universities and fifty senior students who have completed their student teaching will be asked to respond to a questionnaire. Results will be used to help correct any course inadequacies.

SB005255

A Study of Factors Influencing the Post-Secondary Education and Vocational Decisions of Utah High School Students.
Project Director: Gaddis, G. Warren
Organization: Utah State Board of Education Salt Lake City. Div. of Research and Innovation.
Contract and/or Control No.: 603046

This study will provide indicators of the relative influence of various factors on the postsecondary vocational and education plans of Utah high school students, the weight of various nonpersonal factors that students claim to consider in making decisions relating to this area, and information concerning the relative effectiveness of various media in transmitting information related to this area. Approximately 1,000 students from fifteen high schools will be surveyed.

SB005256

Study of Employability of High School Bookkeeping Graduates.
Organization: Utah State Board of Education, Salt Lake City. Div. of Research and Innovation.

Descriptive information unavailable.

Fiscal Year 1972

SB005257

The Application of Career Counseling Techniques Involving Teachers-Students-Parents in a Career Guidance Program for 10th and 11th Grade Students at Logan Senior High School.
Project Director: Petersen, M. Larry
Organization: Logan City Schools, Utah.

This career guidance program is designed to provide a team of parents, teachers, and guidance personnel to assist students in making more realistic occupational choices through understanding themselves and the many career options open to them. Pre and posttests will be administered to ascertain the effect of parents' attitudes on students' occupational selections and the effects of a guidance program on their selections.

SB005258

The Application of Career Counseling Techniques Involving Teachers-Students-Parents in a Career Guidance Program for 10th and 11th Grade Students at Logan Senior High School.
Project Director: Petersen, M. Larry
Organization: Logan City Schools, Utah.

This career guidance program is designed to provide a team of parents, teachers, and guidance personnel to assist students in making more realistic occupational choices through understanding themselves and the many career options open to them. Pre and posttests will be administered to ascertain the effect of parents' attitudes on students' occupational selections and the effects of a guidance program on their selections.

SB005259

Development of Programs Survey Instrument.
Project Director: Oleole, Allan
Organization: Utah State Univ., Logan.

Descriptive information unavailable.

SB005260

Evaluation of Mobile Office Education Unit Utilization with Migrant Workers in Box Elder School District.
Project Director: Nelson, Frank
Organization: Utah State Univ., Logan.

The purpose of this project is to evaluate a program, conducted in a mobile classroom, designed to teach office occupations skills to migrants. Specific objectives are to improve each student's ability to demonstrate skills necessary to type from copy, increase spelling ability, increase English reading and usage capability, and demonstrate ability to solve routine practical arithmetic problems.

Fiscal Year 1973

SB005261

Office Machines Used in Student Training Programs in Post Secondary Schools as Compared with Office Machines Used in Utah Businesses.
Project Director: Gaddis, G. Warren
Organization: Utah State Board of Education, Salt Lake City. Div. of Research and Development.

A questionnaire will be designed to determine the types and numbers of office machines in use in Utah businesses as compared to equipment available in state-funded postsecondary schools for training students. A random sample of 300 businesses and schools will be surveyed. In addition, the schools will be asked to rank order the rationale followed when purchasing additional or replacement machines.

SB005262

Levels of Noise Pollution as a Safety and Health Hazard Within Woodworking and Metalworking Industrial Education Laboratory Facilities.
Project Director: Hicks, Carol E.
Organization: Utah State Board of Education, Salt Lake City.

The major purposes of this study are to determine whether noise levels within education woodworking and metalworking laboratories are a problem as seen by the instructors using the laboratories and if these noise levels exceed the standards set by the Occupational Safety and Health Act. Opinions of professional industrial educators will be solicited, and actual noise levels in a sampling of laboratories will be measured.

SB005263

Evaluation of Mobile Office Education Unit Utilization with Migrant Workers in Box Elder School District.
Organization: Bridgerland County School District, Utah.

The purpose of this project is to evaluate a program, conducted in a mobile classroom, designed to teach office occupations skills to migrants. Specific objectives are to improve each student's ability to demonstrate skills necessary to type from copy, increase spelling ability, increase English reading and usage capability, and demonstrate ability to solve routine practical arithmetic problems.

SB005264

World of Work Occupational Education Program for Children.
Project Director: Warner, Ray D.
Organization: Provo School District, Utah.

The purpose of this project is to develop an occupational awareness program for elementary school children which will foster a more favorable attitude toward the world of work. Teacher-directed learning packages will be used within the present elementary courses of study. These packages are designed to aid and enhance the teaching of concepts required of the elementary subject and are also intended to provide relevant learning experiences as they relate to the school curriculum and the student's everyday life.

SB005265

School Bus Driving.
Organization: Utah Technical Coll. Provo.

Descriptive information unavailable.

SB005266

Mobile Guidance Unit.
Organization: Bridgerland County School District, Logan, Utah.

Descriptive information unavailable.

SB005267

Career Education Exploration Project.

Descriptive information unavailable.

SB005268

The Application of Career Counseling Techniques Involving Teachers-Students-Parents in a Career Guidance Program for 10th and 11th Grade Students at Logan Senior High School.
Project Director: Petersen, M. Larry
Organization: Logan City Schools, Utah.
Funding Period: Start Date 15 Sep 73; End Date 31 Jul 74

This career guidance program is designed to provide a team of parents, teachers, and guidance personnel to assist students in making more realistic occupational choices through understanding themselves and the many career options open to them. Pre and posttests will be administered to ascertain the effect of parents' attitudes on students' occupational selections and the effects of a guidance program on their selections.

SB005269

Vocational Education Needs & Feasibility Studies Relating to Northern Utah.
Project Director: Rigby, Sterling
Organization: Educators Alliance Inc., Utah.

Descriptive information unavailable.

SB005270

Study of Vocational Education Advisory Committees.
Organization: Utah State Board for Vocational Education, Salt Lake City.

Descriptive information unavailable.

SB005271

Sevier Valley Job Market Survey.
Project Director: Washburn, Dewain
Organization: Sevier Valley Technical School. Utah.

Descriptive information unavailable.

SB005272

The Application of Career Counseling Techniques Involving Teachers-Students-Parents in a Career Guidance Program for 10th and 11th Grade Students at Logan Senior High School.
Project Director: Petersen, M. Larry
Organization: Logan City Schools, Utah.
Funding Period: Start Date 15 Sep 73; End Date 31 Jul 74

This career guidance program is designed to provide a team of parents, teachers, and guidance personnel to assist students in making more realistic occupational choices through understanding themselves and the many career options open to them. Pre and posttests will be administered to ascertain the effect of parents' attitudes on students' occupational selections and the effects of a guidance program on their selections.

SB005273

Uintah Basin Job Market Survey.
Project Director: Johnson, Marlin
Organization: Uintah Basin Vocational Central School, Vernal, Utah.

Descriptive information unavailable.

SB005274

Workshop for Planning Career Education Program.
Organization: Sevier School District Cooperative Service Agency, Richfield, Utah.
Funding Period: Start Date 25 Jun 73; End Date 27 Jun 73

This project will fund a workshop to train forty administrators, principals, and school staff in the technique of Next Step Planning for Career Education programs in schools. It will also provide for review of the state model for career education. Participants in the workshop will familiarize themselves with the program and develop program approaches suited to each school's identified needs.

SB005275

Study in the Feasibility of Vocational Training in Music, Fine Arts and Drama.
Organization: Utah State Board for Vocational Education, Salt Lake City.

Descriptive information unavailable.

SB005276

Extent of General Public and Educator's Knowledge of the State Board of Education.
Organization: Utah State Board for Vocational Education, Salt Lake City.
Descriptive information unavailable.

Fiscal Year 1974

SB005277

Study of Immediate and Long-Range Job Demands in Uintah Basin Area.
Organization: Uintah Basin Area, Vernal, Utah.
Descriptive information unavailable.

SB005278

Study of Immediate and Long-range Job Demands in Sevier Valley Area.
Organization: Sevier Valley Technical School, Utah.
Descriptive information unavailable.

SB005279

Mining Technology Training Needs.
Organization: College of Eastern Utah, Price.
The purpose of this project is to provide information to be used to develop mine training programs and initiate a long-range study of local training and program assessment needs. Key coal company personnel will be surveyed and interviewed. Representatives of local, state, and federal agencies related to the mining industry and a sample of mine workers will also be interviewed. Information will also be solicited from other institutions which offer a mine training program.

SB005280

Cost of Food Programs in Secondary Education.
Organization: College of Eastern Utah, Price.
Descriptive information unavailable.

SB005281

Home Economics Curriculum for Freshman Boys.
Organization: College of Eastern Utah, Price.
Descriptive information unavailable.

SB005282

Career Ed – Electronics, Food Service, Graphics, Television.
Organization: College of Eastern Utah, Price.
Descriptive information unavailable.

SB005283

The Application of Career Counseling Techniques Involving Teachers-Students-Parents in a Career Guidance Program for 10th and 11th Grade Students at Logan Senior High School.
Project Director: Petersen, M. Larry
Organization: Logan City Schools, Utah.
Funding Period: Start Date 15 Sep 73; End Date 31 Jul 74
This career guidance program is designed to provide a team of parents, teachers, and guidance personnel to assist students in making more realistic occupational choices through understanding themselves and the many career options open to them. Pre and posttests will be administered to ascertain the effect of parents' attitudes on students' occupational selections and the effects of a guidance program on their selections.

SB005284

Vocational Education Need and Feasibility Study Relating to Northern Utah.
Organization: Educators Alliance, Inc., Utah.
Descriptive information unavailable.

Fiscal Year 1975

SB005285

Sugar Beet Industry Job Survey.
Project Director: Long, Gilbert A.
Organization: Utah State Univ., Logan. Dept. of Agriculture Education.
The purpose of this study is to identify those competencies deemed important to employability in the sugar beet industry. Specific objectives include identifying competencies for sugar beet production, interpreting data from the literature on employment and training, refining and validating competency statements, surveying the western producers and a sample of the midwest producer directors, and analyzing the data.

SB005286

A Study to Determine the Extent to Which the Guidelines and Standards for Approval of Post-Secondary Vocational-Technical Education Programs Have Been Applied in Utah.
Organization: Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City.
Descriptive information unavailable.

SB005287

The Application of Career Counseling Techniques Involving Teachers-Students-Parents in a Career Guidance Program for 10th and 11th Grade Students at Logan Senior High School.
Project Director: Petersen, M. Larry
Organization: Logan City Schools, Utah.
This career guidance program is designed to provide a team of parents, teachers, and guidance personnel to assist students in making more realistic occupational choices through understanding themselves and the many career options open to them. Pre and posttests will be administered to ascertain the effect of parents' attitudes on students' occupational selections and the effects of a guidance program on their selections.

SB005288

Field Test of Utah Vocational Education Evaluation System on Post Secondary Level.
Organization: Utah Research Coordinatng Unit for Vocational and Technical Education, Salt Lake City.
Descriptive information unavailable.

SB005289

An Evaluation of the Physical Education, Intramural and Competitive Sports Programs at Utah Technical College-Provo.
Project Director: Utley, Quentin
Organization: Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City.
This study plans to describe, evaluate, and compare the physical education, intramural, and competitive sports programs at Utah Technical College-Provo. The study will seek to assess the nature and value of each program, relationships among programs, and relationships with other curriculum programs.

SB005290

An Evaluation of the Mobile Assisted Career Education Program for 1974-75.
Organization: Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City.
Descriptive information unavailable.

SB005291

Evaluation of the Distributive Education Incremental Learning Units.
Organization: Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City.
Descriptive information unavailable.

Fiscal Year 1976

SB005292

A Parent-Child-School Career Education Program for 10th Grade Students at Logan Senior High School.
Project Director: Peterson, Larry
Organization: Logan City School District, Utah.

The primary purpose of the project is to provide tenth grade students the opportunity to participate in a career guidance program that will involve their parents, themselves, and the school in the process of vocational guidance and career goal selection. Specific objectives include having student develop self-understanding, career decision-making skills, and skill in obtaining career information.

Fiscal Year 1977

SB005293

Success Factors in Vocational Education Programs.
Organization: Utah State Board of Education, Salt Lake City.

The purpose of this project is to improve management by identifying the factors that contribute to making vocational programs successful. Over a three-year period, follow-up data will be collected on students who have completed the program. This information will be compiled and analyzed to identify characteristics common to highly successful programs.

SB005294

Follow-Up of Technology Completors at Weber State College.
Organization: Weber State Coll., Ogden, Utah.

This study seeks to (1) compare systems for locating former students, (2) design and administer an instrument to gather data needed by the local institutions and state agencies, (3) design a permanent record system, and (4) obtain data for use by the advisory council in curriculum and program effectiveness. Subjects will be students enrolled in engineering graphics, machine tool, and welding programs during 1974-75 and 1975-76.

SB005295

An Assessment of Cooperative Education in Utah.
Project Director: Croft, Roger
Organization: World-Wide Educational and Research Inst., Salt Lake City, Utah.

The objectives of this project are to assess cooperative educational programs in the state regarding success outcomes and existing barriers, assemble data from local and national sources which will promote further development of cooperative education in Utah, and select alternative models and strategies from nationally designated programs to address local problems and suggest new directions.

Part D

Fiscal Year 1970

SB005296

Research for Specialists.
Organization: Utah State Univ., Logan.

Descriptive information unavailable.

SB005297

Evaluation of Summer Vocational Classes for High School Students at Utah Technical College at Provo and in Alpine, Nebo, and Provo School Districts 1964-69.
Project Director: Stephens, John F.
Organization: Utah Technical Coll., Provo.
Contract and/or Control No.: 603046

This project aims to study and evaluate the reasons for student enrollment in summer vocational classes, follow-up graduates and assess value of classes taken, and obtain an indication of general cost-benefit data from perspectives of those students enrolled to help determine the need for future state support. Staff will interview training personnel and administer questionnaires to student enrollees of past classes. Recommendations will be made to the State Board for Vocational Education.

SB005298

The Effect of Mobile Assisted Career Exploration on the Ability of 9th Grade Students to Select Occupations Appropriate to Their Tested Occupational Aptitude Patterns.
Project Director: Clark, Vicki
Organization: Utah State Univ., Logan.

This study aims to determine the effect of Project MACE on ninth graders' ability to choose occupations for which they have the appropriate aptitudes. Staff will administer the General Aptitude Test Battery; correlate it with pre and posttest listings of vocational choices; and attempt to measure appropriateness of choice, differences between male and female appropriateness change scores, and validity of testing procedures. Data will be analyzed and disseminated in report form.

SB005299

Logan TV Material.
Organization: Logan School District, Utah.

Descriptive information unavailable.

SB005300

Evaluation of Mobile Office Education Unit Utilization with Migrant Workers in Box Elder School District.
Project Director: Stephens, John F.
Organization: Box Elder School District, Brigham City, Utah.
Contract and/or Control No.: 603046

The purpose of this project is to evaluate a program, conducted in a mobile classroom, designed to teach office occupations skills to migrants. Specific objectives are to improve each student's ability to demonstrate skills necessary to type from copy, increase spelling ability, increase English reading and usage capability, and demonstrate ability to solve routine practical arithmetic problems.

SB005301

Chemical Process Operation Survey.
Organization: Utah State Univ., Logan.

Descriptive information unavailable.

SB005302

IBM Machine Training.
Organization: Carbon County School District, Price, Utah.

Descriptive information unavailable.

SB005303

Millard District Program.
Organization: Millard School District, Utah.

Descriptive information unavailable.

SB005304

Utah Project "Follow-Up."
Project Director: Stephens, John F.
Organization: Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City.
Contract and/or Control No.: 603046

This project's basic purpose is to obtain data from vocational students upon exiting school and on a yearly basis for five subsequent years. This state-wide project plans to measure student progress in the world of work, solicit student comment, generate feedback for school staff, and provide the state with comprehensive enrollment and placement information on vocational students. This information will be used in determining cost effectiveness of vocational programs.

SB005305

Study of a Training Program for Disadvantaged Minorities, Case Study of Project RESPECT.
Project Director: Stephens, John F.
Organization: Weber State Coll., Ogden, Utah.

Contract and/or Control No.: 603046

This study will examine and evaluate the Project RESPECT training program held at Weber State College for hard-core unemployed blacks. Procedures include interviews with staff of Project RESPECT and administrators, with participants, and review of project results. A report will summarize the findings.

SB005306

Project RESPECT Evaluation.
Project Director: Stephens, John F.
Organization: Utah State Univ., Logan.
Contract and/or Control No.: 603046

This study will examine and evaluate the Project RESPECT training program held at Weber State College for hard-core unemployed blacks. Procedures include interviews with staff of Project RESPECT and administrators, with participants, and review of project results. A report will summarize the findings.

SB005307

Project SUCCESS.
Project Director: Stephens, John F.
Organization: Weber County School District, Ogden, Utah.
Contract and/or Control No.: 603046

The goal of Project SUCCESS is to provide high school students with the opportunities to match abilities, interests, and values with requirements for jobs. Teachers, coordinators, and curriculum specialists will cooperate in addressing questions such as the validity of curricular and instructional level objectives and the assessment of individual students' personal objectives. Staff will gather follow-up data on student job placement to evaluate project effectiveness.

SB005308

Project SUCCESS Evaluation.
Project Director: Stephens, John F.
Organization: Utah State Univ., Logan.
Contract and/or Control No.: 603046

The goal of Project SUCCESS is to provide high school students with the opportunities to match abilities, interests, and values with requirements for jobs. Teachers, coordinators, and curriculum specialists will cooperate in addressing questions such as the validity of curricular and instructional level objectives and the assessment of individual students' personal objectives. Staff will gather follow-up data on student job placement to evaluate project effectiveness.

Fiscal Year 1971

SB005309

An Evaluation of the Aircraft Training Programs Conducted Between September 1966 and June 1967 in the State of Utah.
Project Director: Loveless, Austin G.
Organization: Granite School District, Salt Lake City, Utah.

The purpose of this study is to evaluate the effectiveness of aircraft training programs in the state. Staff will contact all institutions involved; survey staff, supervisors, and student participants through questionnaires; and collect and tabulate data obtained. No statistical analysis will be done.

SB005310

Improving the Proficiency of Mechanical Activities Performed by Utah's Agriculturists.
Organization: Utah State Univ., Logan. Dept. of Agriculture Education.

This project will produce a guide to improving the curriculum in agricultural mechanics at Utah State University, indicate needs for inservice training programs for farmers, identify some instructional areas which could be offered in post-high school courses, evaluate the need for a three-year agricultural technology program for local machinery dealers, and evaluate present agricultural mechanics programs in the state.

SB005311

Integrated Shop Program.
Project Director: Loveless, Austin G.
Organization: Kane School District, Utah.
Contract and/or Control No.: 603046

The purpose of this project is to provide improved programs of occupational preparation in the small high schools of Utah so students may be better prepared to enter industry or to continue their education and training at a postsecondary institution. The first two years of the program, ninth and tenth grades, are exploratory, although skill training is included. Eleventh and twelfth grade students may elect to specialize and receive additional training.

SB005312

Measurable Objectives Curriculum.
Organization: Utah State Univ., Logan.

Descriptive information unavailable.

SB005313

Construction Contractors Project.
Organization: Nebo School District, Utah.

Descriptive information unavailable.

SB005314

Improving the Proficiency of Mechanical Activities Performed by Utah's Agriculturists.
Organization: Utah State Univ., Logan. Dept. of Agriculture Education.

This project will produce a guide to improving the curriculum in agricultural mechanics at Utah State University, indicate needs for inservice training programs for farmers, identify some instructional areas which could be offered in post-high school courses, evaluate the need for a three-year agricultural technology program for local machinery dealers, and evaluate present agricultural mechanics programs in the state.

SB005315

The Effect of Mobile Assisted Career Exploration on the Ability of 9th Grade Students to Select Occupations Appropriate to Their Tested Occupational Aptitude Patterns.
Project Director: Clark, Vicki
Organization: Utah State Univ., Logan.

This study aims to determine the effect of Project MACE on ninth graders' ability to choose occupations for which they have the appropriate aptitudes. Staff will administer the General Aptitude Test Battery; correlate it with pre and posttest listings of vocational choices; and attempt to measure appropriateness of choice, differences between male and female appropriateness change scores, and validity of testing procedures. Data will be analyzed and disseminated in report form.

SB005316

Project VIEW: A Study of the Effectiveness and Efficiency of a Needlesort-Aperture-Card System to Disseminate Occupational Information.
Project Director: Smith, Earl J.
Organization: Utah Univ., Salt Lake City.

The purpose of this study is to determine if Project VIEW (Vocational Information for Education and Work) will facilitate getting occupational information into the hands of Utah's high school students. Tenth grade students in fifteen selected high schools representative of Utah's high school population will use the information from VIEW. They will be posttested and their scores compared with those of students using traditional methods and materials.

SB005317

Project Over the Shoulder.
Project Director: Loveless, Austin G.
Organization: Utah State Univ., Logan.

The purpose of this project is to prepare youth to cope with continued change in the world of work and develop a realistic attitude towards the dignity of work. Objectives include acquainting students with major occupational fields and employment possibilities; presenting information concerning schools, colleges, and training pro-

grams; and promoting student self-understanding and career decision-making capabilities.

SB005318

Integrated Shop Program.
Project Director: Loveless, Austin G.
Organization: Grand School District, Utah.
Contract and/or Control No.: 603046

The purpose of this project is to provide improved programs of occupational preparation in the small high schools of Utah so students may be better prepared to enter industry or to continue their education and training at a postsecondary institution. The first two years of the program, ninth and tenth grades, are exploratory, although skill training is included. Eleventh and twelfth grade students may elect to specialize and receive additional training.

SB005319

Industrial Arts Curriculum Project.
Organization: Alpine School District, American Fork, Utah.

Descriptive information unavailable.

Fiscal Year 1972

SB005320

World of Work Occupational Education Program for Children.
Project Director: Warner, Ray D.
Organization: Provo School District, Utah.

The purpose of this project is to develop an occupational awareness program for elementary school children which will foster a more favorable attitude toward the world of work. Teacher-directed learning packages will be used within the present elementary courses of study. These packages are designed to aid and enhance the teaching of concepts required of the elementary subject and are also intended to provide relevant learning experiences as they relate to the school curriculum and the student's everyday life.

SB005321

A Follow-Up Study of the Students Trained in Power Sewing Machine Operation Using the Experimental Mobile Power Sewing Unit.
Project Director: Loveless, Austin G.
Organization: Garfield Area Vocational Center, Utah.
Contract and/or Control No.: 603046

The purpose of this study is to obtain information about the employment results of seventy-three students who were trained in power sewing machine operation using the experimental mobile unit. This study will provide a measure of the effectiveness of this training in preparing them for entry-level jobs in the apparel industry. Their suggestions for any improvements in the mobile power sewing unit will also be solicited.

SB005322

Office Simulation Workshop.
Organization: Box Elder School District, Utah.

Descriptive information unavailable.

SB005323

Integrated Shop Program.
Project Director: Loveless, Austin G.
Organization: Iron School District, Utah.
Contract and/or Control No.: 603046

The purpose of this project is to provide improved programs of occupational preparation in the small high schools of Utah so students may be better prepared to enter industry or to continue their education and training at a postsecondary institution. The first two years of the program, ninth and tenth grades, are exploratory, although skill training is included. Eleventh and twelfth grade students may elect to specialize and receive additional training.

Fiscal Year 1973

SB005324

Coal Mining Technology.
Organization: College of Eastern Utah, Price.

The purpose of this project is to provide information to be used to develop mine training programs and initiate a long-range study of local training and program assessment needs. Key coal company personnel will be surveyed and interviewed. Representatives of local, state, and federal agencies related to the mining industry and a sample of mine workers will also be interviewed. Information will also be solicited from other institutions which offer a mine training program.

SB005325

Auto Parts Merchandising.
Organization: College of Eastern Utah, Price.

Descriptive information unavailable.

SB005326

Business Education MOE II Unit.
Organization: Area Vocational School, Logan, Utah.

Descriptive information unavailable.

SB005327

World of Work Occupational Education Program for Children.
Project Director: Warner, Ray D.
Organization: Provo School District, Utah.

The purpose of this project is to develop an occupational awareness program for elementary school children which will foster a more favorable attitude toward the world of work. Teacher-directed learning packages will be used within the present elementary courses of study. These packages are designed to aid and enhance the teaching of concepts required of the elementary subject and are also intended to provide relevant learning experiences as they relate to the school curriculum and the student's everyday life.

SB005328

School Bus Driving.
Organization: Utah Technical Coll., Provo.

Descriptive information unavailable.

SB005329

Development of Instructional Packages for Pre-Service and In-Service Training of Elementary School Teachers In the World of Work Program.
Organization: Utah State Univ., Logan.

Descriptive information unavailable.

Fiscal Year 1974

SB005330

Evaluation of Mobile Office Education Unit Utilization with Migrant Workers in Box Elder School District.
Project Director: Stephens, John F.
Organization: Box Elder School District, Brigham City, Utah.

The purpose of this project is to evaluate a program, conducted in a mobile classroom, designed to teach office occupations skills to migrants. Specific objectives are to improve each student's ability to demonstrate skills necessary to type from copy, increase spelling ability, increase English reading and usage capability, and demonstrate ability to solve routine practical arithmetic problems.

SB005331

World of Work Occupational Education Program for Children.
Project Director: Warner, Ray D.
Organization: Provo School District, Utah.

The purpose of this project is to develop an occupational awareness program for elementary school children which will foster a more favorable attitude toward the world of work. Teacher-directed learning packages will be used within the present elementary courses of study. These packages are designed to aid and enhance the teaching of concepts required of the elementary subject and are also intended to provide relevant learning experiences as they relate to the school

curriculum and the student's everyday life.

SB005332

School Bus Training.
Organization: Provo School District, Utah.
Descriptive information unavailable.

SB005333

Career Education.

The purpose of this project is to provide junior high youth with experiences that will enable them to make informed career-related choices. Project activities will include completing a literature search, hiring key personnel, identifying pilot schools, reviewing similar programs in and out of state, developing instructional level objectives and curriculum materials, identifying existing programs that meet the specified objectives, and infusing curriculum materials into the existing curriculum.

SB005334

World of Work Occupational Education Program for Children.
Project Director: Warner, Ray D.
Organization: Provo School District, Utah.

The purpose of this project is to develop an occupational awareness program for elementary school children which will foster a more favorable attitude toward the world of work. Teacher-directed learning packages will be used within the present elementary courses of study. These packages are designed to aid and enhance the teaching of concepts required of the elementary subject and are also intended to provide relevant learning experiences as they relate to the school curriculum and the student's everyday life.

Fiscal Year 1975

SB005335

Mobile Assisted Career Education.
Organization: Bridgerland Area Vocational Center, Logan, Utah.
Descriptive information unavailable.

SB005336

Junior High School Career Education Program.
Descriptive information unavailable.

SB005337

Industrial Arts Career Exploration Program.
Organization: Granite School District, Salt Lake City, Utah.
Funding Period: Start Date 1 Mar 75; End Date 31 May 76

The purpose of this project is to develop and implement an industrial arts career exploration program at the junior high school level. Objectives include developing student-centered, individualized learning experiences; using an industrial-based cluster concept to provide career-related learning experiences based on transportation, industrial communication, construction, and manufacturing and identifying the teacher competencies necessary for a student-centered curriculum.

Fiscal Year 1976 - No Projects Reported

Fiscal Year 1977

SB005338

Career Education - Exemplary. Home Economics Career Exploration Program.
Project Director: Winters, Jan
Organization: Utah State Univ., Logan.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

Funding for this project will provide for purchase of materials and supplies and payment of salaries and benefits.

SB005339

Industrial Arts Career Education.
Project Director: Luke, Joe
Organization: Utah State Univ., Logan.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 53-013-76

Project objectives are to develop student-centered learning experiences designed to meet the educational needs of junior high school students, use an industrial-based cluster concept to provide career learning experiences related to transportation, industrial communication, construction, and manufacturing, provide career-related information, and identify the competencies necessary for the teacher to function effectively.

SB005340

Career Development in Business and Office Education for Junior High Schools.
Project Director: Lloyd, Gary M.
Organization: Utah State Univ., Logan. Dept. of Business Education and Office Administration.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 78

This project seeks to develop a series of career education learning modules in business and office occupations. Specific objectives include having students (1) develop career awareness in business occupations, (2) explore numerous business occupations and job families and have hands-on experience, (3) learn the worker qualifications needed, and (4) develop an understanding of the interpersonal relationships in a business environment.

SB005341 VTP-2884

Distributive Education Career Exploration Curriculum Development.
Project Director: Winn, Charles S.
Organization: Bridgerland Area Vocational Center, Logan, Utah.
Funding Period: Start Date 1 Oct 76; End Date 1 Oct 77
Contract and/or Control No.: 45-901-77

The purpose of the project is to develop and implement a marketing distributive education program at the junior high and early high school level. Emphasis will be placed on developing greater understanding of career opportunities and industry requirements. Specific objectives are to develop learner-centered experiences designed to meet the educational and career needs of the student and use the USOE cluster concept to relate learning experiences to occupation demands.

SB005342

Career Education.
Organization: Granite School District, Salt Lake City, Utah.
Descriptive information unavailable.

SB005343

Industrial Arts Career Education Project Evaluation.
Project Director: Slack, Neill C.
Organization: Utah State Univ., Logan. Dept. of Industrial and Technical Education.

This study will be divided into three phases: an evaluation of the design, development, and implementation of the project instructional materials; a comparison of the program with conventional industrial programs, especially traditional tools, materials, and processes; and an analysis of opinions from students, parents, teachers, and business and industrial personnel. It will be determined if the instructional materials meet the needs of all concerned.

SB005344 VTP-2813

Home Economics Career Exploration Program.
Project Director: Stone, Karen S.
Organization: Granite School District, Salt Lake City, Utah.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The aim of this project is to develop a new approach to individualized activity-centered instruction for consumer and home economics career exploration for seventh grade students. Selected teachers will participate in a six-week summer workshop to develop career education modules. Preperformance and postperformance forms for student-teacher interaction will be developed, and individualized instruction activities will be designed. The career exploration program may be used in grades 7-12 and in adult programs.

VERMONT

Part C

Fiscal Year 1971

SB005345 **VTP-131**

The Development of Materials for Recruiting and Screening Prospective Students into Selected Pre-Service Vocational Teacher Education Programs.
Project Director: Osborn, Marilyn M.
Organization: Vermont Univ., Burlington. Home Economics Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The need for vocational teachers has made it necessary to increase recruitment efforts and the number of graduates from vocational teacher education programs. Although the need has been recognized, little has been done to produce materials applicable to a range of institutions. The objectives are to develop a handbook with a variety of recruitment and screening materials, evaluate and revise the recruitment devices, and issue a report of the evaluation to all state vocational directors and appropriate research reporting agencies.

SB005346 **VTP-132**

Career Development Patterns of Vocational Pupils Graduating or Leaving School–1967, 1968, 1969, 1970.
Project Director: Fuller, Gerald R.
Organization: Vermont Univ., Burlington. Dept. of Vocational, Technical and Extension Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

A systematic follow-up survey will be conducted of pupils who participated in vocational education in high school and graduated or otherwise left school in 1967, 1968, 1969, and 1970. The major objective of the project is to compare, using U.S. Office of Education major field of study classifications, the post-high school career development patterns of pupils having vocational preparation with the career development of those lacking such preparation.

SB005347

A Study of Selected Factors Related to the Employment Status of Disadvantaged Rural Adults.
Organization: Vermont Univ., Burlington.
Descriptive information unavailable.

SB005348 **VTP-863**

Career Education.
Project Director: Faulkner, Walter O.
Organization: Washington South Supervisory Union, Vt.
Funding Period: Start Date 22 May 72; End Date 30 Jun 72

The aim of the project is to stimulate teachers to use new materials and meaningful activities in their classes. Teachers will be made familiar with career education materials. Materials which teachers want will be selected and will be evaluated by grade and interest level, attributes, and drawbacks.

SB005349

A Model for Collecting and Analyzing Followup Data on Graduates and Dropouts of Vocational Education in Vermont.
Organization: Vermont Univ., Burlington.
Descriptive information unavailable.

Fiscal Year 1972

SB00[illegible]50

Career Development Patterns of Vocational Pupils Graduating or Leaving School 1967, 1968, 1969, 1970.
Organization: Vermont Univ., Burlington.
Descriptive information unavailable.

SB005351 **VTP-862**

The Development and Testing of Health Education Learning Activity Packages for Teachers and Students of Consumer and Homemaking Education, Grades 5-12.
Project Director: Donnis, Susan P.
Organization: South Burlington School District, Vt.
Funding Period: Start Date 4 Dec 72; End Date 30 Jun 73

The objectives of this project are to assist teachers in implementing learning activity packages; evaluate the effectiveness of each package; and develop a package of materials of successful activities, and distribute it to all programs in Vermont. The project director will contact all teachers to determine what and where the needs are and assist them in developing and testing the packages.

Fiscal Year 1973

SB005352

A Proposal to Develop a Validated Instrument for Measuring the Effectiveness of the Self-Instructional Aspect Incorporated into Specific Vocational Courses at Burlington High School.
Organization: Burlington School District, Vt.
Descriptive information unavailable.

SB005353

A Survey of the Attitudes of Businessmen and Teachers as to the Need for Data Processing Instruction in the High Schools in the State of Vermont.
Organization: Castleton State Coll., Vt.
Descriptive information unavailable.

SB005354

Addison County Vocational Interest Survey.
Organization: Middlebury Union High School, Vt.
Descriptive information unavailable.

SB005355

Development of Public Safety and Law Enforcement Curricula.
Organization: Brattleboro Area Vocational Center, Vt.
Descriptive information unavailable.

SB005356

Development of Curriculum for Diesel-Hydraulics Course of Instruction.
Organization: Randolph Union High School, Vt.
Descriptive information unavailable.

SB005357 VTP-1492

Investigation of Training Aids and Equipment Available for the Transfer to the Metric System in Area Vocational Centers.
Project Director: Savage, Robert
Organization: Lamoille Union High School, Hyde Park, Vt.
Funding Period: Start Date 15 Sep 73; End Date 30 Jun 74

The objectives of this project are to collect and evaluate available metric system materials to plan and develop a program of instruction for teachers and students and conduct inservice training for teachers. The methodology will include writing letters to manufacturers and publishers requesting information, reviewing the materials and asking teachers for evaluation, and selecting the most suitable material and writing an instructional program.

SB005358

Evaluation of Testing Materials for Use in Career Guidance and Education.
Project Director: Tabor, Luther G.
Organization: Burlington Vocational Center, Vt.

The objective of this project is to evaluate the effectiveness with which standardized tests (GATB and OVIS) and other recommended procedures can be used as guidance tools to help students make those decisions which will lead to a productive and happy experience in vocational education and in the world of work. A group of ninth grade students will be tested and counseled. Results at grades 10-12 will be compared with a control group for overall student performance, rate of absenteeism, and dropout rate.

SB005359

Research Proposal for Dissemination of the Vermont Career Education Project.
Organization: Windsor Northwest School District, Vt.

Descriptive information unavailable.

SB005360

Twin State Educational Information System. (New Hampshire-Vermont)
Project Director: Trombley, Robert
Organization: New England Resource Center for Occupational Education, Cambridge, Mass.
Contract and/or Control No.: C-75-1

This project will establish an information system allowing educators in Vermont and New Hampshire access to the Educational Resources Information Center's (ERIC) information collection, as well as other collections of educational information. Awareness sessions will be held to acquaint potential users with the use of microfiche and microfiche readers, as well as the ERIC indices. Approximately 20,000 microfiche and 20,000 pages of hard copy will be disseminated.

Fiscal Year 1974

SB005361

Twin State Educational Information System. (New Hampshire-Vermont)
Project Director: Trombley, Robert
Organization: New England Resource Center for Occupational Education, Cambridge, Mass.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: C-75-1

The primary goals of this continuing project are development of a fifty-center network in each funding state; staff training for all State Department of Education consultants; dissemination of 40,000 microfiche and 10,000 pages of hard copy in each state; continuation of a computer search lending library and journal article delivery system; and transition from a two-state information system to two separate state information systems.

SB005362 VTP-1158

Identifying a Nonverbal Aptitude Measure for Use in Counseling Secondary Level Mentally Retarded Pupils.
Project Director: Halloran, William
Organization: Randolph Area Vocational Center, Vt.
Funding Period: Start Date 1 Oct 73; End Date 30 Jun 74

Objectives of this project are to train diversified occupations (DO) instructors and guidance personnel to administer two tests to DO students, develop pupil profile cards indicating aptitude measurements, and analyze data and prepare a final report including a summary of findings and implications for counseling and placing DO students. Twelve DO instructors will be trained.

SB005363

Post-Secondary Education Follow-Up Study.
Project Director: Hochschild, S. F.
Organization: Montpelier High School, Vt.
Funding Period: Start Date 15 Jan 74; End Date 30 May 74
Contract and/or Control No.: C-74-5

The objectives of this project are to account for the disparity between high school graduates' aspirations to continue their education and their much lower continuation rates and assess the reasons why high school graduates have not continued their education beyond high school. The study will focus on three groups: students not continuing their education from schools with high continuation rates, students not continuing their education from schools with low continuation rates, and Northeast Kingdom high school graduates.

SB005364

Evaluation of Testing Materials for Use in Career Guidance and Education.
Project Director: Tabor, Luther G.
Organization: Burlington Area Vocational-Technical Center, Vt.
Contract and/or Control No.: C-73-9

The objective of this project is to evaluate the effectiveness with which standardized tests (GATB and OVIS) and other recommended procedures can be used as guidance tools to help students make those decisions which will lead to a productive and happy experience in vocational education and in the world of work. A group of ninth grade students will be tested and counseled. Results at grades 10-12 will be compared with a control group for overall student performance, rate of absenteeism, and dropout rate.

SB005365

Investigation of Training Aids and Equipment Available for the Transfer to the Metric System in Area Vocational Centers.
Project Director: Savage, Robert
Organization: Lamoille Union High School, Hyde Park, Vt.
Funding Period: Start Date 15 Sep 73; End Date 30 Jun 74

The objectives of this project are to collect and evaluate available metric system materials to plan and develop a program of instruction for teachers and students and conduct inservice training for teachers. The methodology will include writing letters to manufacturers and publishers requesting information, reviewing the materials and asking teachers for evaluation, and selecting the most suitable material and writing an instructional program.

SB005366

Development of a Validated Instrument for Measuring Effectiveness of the Mediated Self-Instructional Aspect Incorporated into Specific Vocational Courses.
Organization: Burlington Vocational Center, Vt.

Descriptive information unavailable.

SB005367

Survey of the Attitudes of Businessmen and Teachers as to the Need for Data Processing Instruction in the High Schools in Vermont.
Organization: Castleton State Coll., Vt.

Descriptive information unavailable.

SB005368

Vocational Interest Survey.
Organization: Middleboro School District, Vt.

Descriptive information unavailable.

SB005369

Review and Analyze Enrollment Trends at the Barre City Regional Vocational Technical Center.
Organization: New England Resource Center for Occupational Education, Cambridge, Mass.

Descriptive information unavailable.

Fiscal Year 1975

SB005370

Vocational Program Options Study for College Bound Students.
Project Director: Silver, Joseph
Organization: Hartford School District, White River Junction, Vt.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The objectives of this study are to determine counselors' and students' knowledge and opinions of vocational programs available at the Hartford Area Vocational Center, survey selected New England postsecondary schools, and determine the effect this information has on counselors and college-bound students. Pre and posttests in the form of questionnaires will be developed, and a survey will be composed.

SB005371

Program for Teaching Mathematics to Disadvantaged Vocational Students.
Project Director: Day, Robert L.
Organization: Essex Junction Vocational-Technical Center, Vt.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: C-75-6

The objectives of this program are to (1) investigate other schools' methods of teaching math skills to academically disadvantaged students, (2) find methods of identifying students needing help, (3) determine from research the appropriate teaching methods, and (4) assemble a pilot project from research to identify student deficiencies in selected programs. Procedures will include determining through ERIC what programs have been developed, visiting programs that seem adaptable to the project's needs, and conducting a pilot selection procedure.

SB005372 VTP-2033

Remedial and Developmental Reading for Vocational Students Grades 9-12 (from Rural and Small Town Backgrounds).
Project Director: Persico, Alfred
Organization: Lamoille Union High School, Hyde Park, Vt.
Funding Period: Start Date 1 Jul 75; End Date 1 Sep 75
Contract and/or Control No.: C-75-5

The objective of this project is to discover all the available research and programs that have been developed for vocational high school students in rural areas. To assemble this information, letters will be written to state universities and other institutions whose educational research can reasonably be expected to have addressed such problems. Specialists at the Bladridge Reading Institute and Tower Hill will be contacted.

SB005373

Course Development for Wage-Earning Home Economics.
Project Director: Allen, Edward L.
Organization: Hartford School District, White River Junction, Vt.
Funding Period: Start Date 15 Apr 75; End Date 30 Jun 76
Contract and/or Control No.: C-75-2

The objective of this project is to develop a home economics course which will equip the student with skills in three occupations: sewing alterations, hospitality trades, and hotel-motel management. The task force will define the skills and information needed to equip the students in each area of training. It will combine the experience of the teachers with the identified needs of the industry which the consultants will bring to the group. The course outline will be developed and learning activities defined to the extent that a trial course can be offered in 1975-76.

SB005374 VTP-2029

Vocational Equipment Amortization Procedure for the Vermont Vocational/Technical Centers.
Project Director: Tabor, Luther G.
Organization: Burlington Area Vocational-Technical Center, Vt.
Funding Period: Start Date 1 Jul 75; End Date 30 Nov 75
Contract and/or Control No.: C-75-4

The objectives of this project are to list all the equipment found in shops and laboratories by instructional area, determine the life expectancy of each piece, and determine the salvage value of each piece. The procedures will be to select the programs best exemplifying use of the equipment common to the areas, design an inventory system, list the equipment costing over $100, and determine the life expectancy in both an industrial setting and a school setting.

SB005375

Distributive Education Curriculum Development.
Project Director: Tabor, Luther G.
Organization: Burlington Area Vocational-Technical Center, Vt.
Funding Period: Start Date 1 Jun 75; End Date 30 Jun 76
Contract and/or Control No.: C-75-8

The State Consultant for Distributive Education, the district director, and two Burlington Area Vocational/Technical Center distributive education teachers will form a task force to redesign the marketing cluster. A newsletter describing program development, encouraging site visits, and noting availability of the state consultant will be sent to area vocational centers. A training plan and learning activity guides will be developed.

SB005376

Evaluation of Testing Materials for Use in Career Guidance and Education.
Organization: Burlington Area Vocational-Technical Center, Vt.

The objective of this project is to evaluate the effectiveness with which standardized tests (GATB and OVIS) and other recommended procedures can be used as guidance tools to help students make those decisions which will lead to a productive and happy experience in vocational education and in the world of work. A group of ninth grade students will be tested and counseled. Results at grades 10-12 will be compared with a control group for overall student performance, rate of absenteeism, and dropout rate.

Fiscal Year 1976

SB005377

Distributive Education Curriculum Development.
Project Director: Tabor, Luther G.
Organization: Burlington Area Vocational-Technical Center, Vt.
Funding Period: Start Date 1 Jun 75; End Date 30 Jun 76
Contract and/or Control No.: C-75-8

The State Consultant for Distributive Education, the district director, and two Burlington Area Vocational/Technical Center distributive education teachers will form a task force to redesign the marketing cluster. A newsletter describing program development, encouraging site visits, and noting availability of the state consultant will be sent to area vocational centers. A training plan and learning activity guides will be developed.

SB005378

Identification of Critical Areas in Vocational Education Needing Research.
Organization: Vermont Univ., Burlington. Dept. of Agriculture Engineering.

Descriptive information unavailable.

SB005379

Identification of In-Service Professional and Technical Teacher Development Needs In Vermont.
Organization: Vermont Univ., Burlington. Dept. of Agriculture Engineering.

Descriptive information unavailable.

SB005380

Survey of Area Business Education Employers and Former Business Education Graduates.
Organization: Brattleboro Area Vocational Center, Vt.
Descriptive information unavailable.

SB005381 **VTP-2031**

Course Development for Wage-Earning Home Economics.
Project Director: Allen, Edward L.
Organization: Hartford School District, White River Junction, Vt.
Funding Period: Start Date 15 Apr 75; End Date 30 Jun 76
Contract and/or Control No.: C-75-2

The objective of this project is to develop a home economics course which will equip the student with skills in three occupations: sewing alterations, hospitality trades, and hotel-motel management. The task force will define the skills and information needed to equip the students in each area of training. It will combine the experience of the teachers with the identified needs of the industry which the consultants will bring to the group. The course outline will be developed and learning activities defined to the extent that a trial course can be offered in 1975-76.

SB005382 **VTP-2030**

Vocational Program Options Study for College Bound Students.
Project Director: Silver, Joseph
Organization: Hartford School District, White River Junction, Vt.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: C-75-3

The objectives of this study are to determine counselors' and students' knowledge and opinions of vocational programs available at the Hartford Area Vocational Center, survey selected New England postsecondary schools, and determine the effect this information has on counselors and college-bound students. Pre and posttests in the form of questionnaires will be developed, and a survey will be composed.

SB005383

Vocational Equipment Amortization Procedure for the Vermont Vocational/Technical Centers.
Project Director: Tabor, Luther G.
Organization: Burlington Area Vocational-Technical Center, Vt.
Contract and/or Control No.: C-75-4

The objectives of this project are to list all the equipment found in shops and laboratories by instructional area, determine the life expectancy of each piece, and determine the salvage value of each piece. The procedures will be to select the programs best exemplifying use of the equipment common to the areas, design an inventory system, list the equipment costing over $100, and determine the life expectancy in both an industrial setting and a school setting.

SB005384

Remedial and Developmental Reading for Vocational Students Grades 9-12 (from Rural and Small Town Backgrounds).
Project Director: Persico, Alfred
Organization: Lamoille Union High School, Hyde Park, Vt.
Contract and/or Control No.: C-75-5

The objective of this project is to discover all the available research and programs that have been developed for vocational high school students in rural areas. To assemble this information, letters will be written to state universities and other institutions whose educational research can reasonably be expected to have addressed such problems. Specialists at the Bladridge Reading Institute and Tower Hill will be contacted.

SB005385 **VTP-2032**

Preliminary Research into Programs for Teaching Mathematics to Disadvantaged.
Project Director: Day, Robert L.
Organization: Essex Junction Vocational-Technical Center, Vt.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: C-75-6

The objectives of this program are to (1) investigate other schools' methods of teaching math skills to academically disadvantaged students, (2) find methods of identifying students needing help, (3) determine from research the appropriate teaching methods, and (4) assemble a pilot project from research to identify student deficiencies in selected programs. Procedures will include determining through ERIC what programs have been developed, visiting programs that seem adaptable to the project's needs, and conducting a pilot selection procedure.

SB005386 **VTP-2041**

Distributive Education Curriculum Development.
Project Director: Tabor, Luther G.
Organization: Burlington School District, Vt.
Funding Period: Start Date 1 Jun 75; End Date 30 Jun 76
Contract and/or Control No.: C-75-8

The State Consultant for Distributive Education, the district director, and two Burlington Area Vocational/Technical Center distributive education teachers will form a task force to redesign the marketing cluster. A newsletter describing program development, encouraging site visits, and noting availability of the state consultant will be sent to area vocational centers. A training plan and learning activity guides will be developed.

SB005387

Evaluation of Testing Materials for Use in Career Guidance and Education.
Organization: Burlington School District, Vt.

The objective of this project is to evaluate the effectiveness with which standardized tests (GATB and OVIS) and other recommended procedures can be used as guidance tools to help students make those decisions which will lead to a productive and happy experience in vocational education and in the world of work. A group of ninth grade students will be tested and counseled. Results at grades 10-12 will be compared with a control group for overall student performance, rate of absenteeism, and dropout rate.

SB005388

Curriculum Printing Nerco.
Organization: Cambridge, Mass.
Descriptive information unavailable.

Fiscal Year 1977

SB005389

Subcontract to Analyze Existing Data Relevant to the Financing of Vocational Education.
Organization: Vermont State Dept. of Education, Montpelier.
Descriptive information unavailable.

SB005390

Needs Assessment and Job Analysis to Develop a Means of Cataloguing Information re Curriculum in Three Program Areas.
Organization: Vermont Community Colleges, Montpelier.
Descriptive information unavailable.

SB005391

R & D to Develop Standards for Vocational Education Programs.
Organization: Vermont State Dept. of Education, Montpelier. Research Coordinating Unit for Vocational and Technical Education.
Descriptive information unavailable.

SB005392

Student Records and Competency Certificates.
Organization: Vermont State Dept. of Education, Montpelier.
Descriptive information unavailable.

SB005393

Needs Assessment for Gifted/Talented Students in Vocational Education.
Organization: Oxbow Area Vocational Center, Bradford, Vt.
Descriptive information unavailable.

Part D

Fiscal Year 1970

SB005394

A Capsulized Training and Employment Program for Motor Aides.
Organization: Burlington High School, Vt.
Descriptive information unavailable.

SB005395

Child Care Assistant in a Day Care Program.
Organization: Burlington High School, Vt.
Descriptive information unavailable.

SB005396

Building Trades Summer Program.
Organization: Lamoille Union High School, Vt.
Descriptive information unavailable.

SB005397

An Inservice Workshop to Train Vocational Education Personnel to Plan and Develop Effective Exemplary Programs and to Write Satisfactory Local Proposals.
Organization: Vermont Univ., Burlington.
Descriptive information unavailable.

SB005398

ABC Shorthand - Planning Grant.
Organization: Saint Johnsbury Academy, Vt.
Descriptive information unavailable.

SB005399

A Diversified Agricultural Occupations Program with Specialization and Instruction in a Job Area for Grades 11 and 12.
Organization: Bellows Free Academy Vocational Center, Vt.
Descriptive information unavailable.

SB005400

Occupational Orientation.
Organization: Bellows Free Academy, Vt.
Descriptive information unavailable.

SB005401

Contract Services to Implement Programs for Training Personnel for the Public Services Occupations.
Organization: Vermont State Dept. of Education, Montpelier. Div. of Vocational-Technical Education.
Descriptive information unavailable.

SB005402

Leadership and Citizenship Conference for State Officers and Local Officers of the Vocational Youth Groups.
Organization: Vermont State Dept. of Education, Montpelier. Div. of Vocational-Technical Education.
Descriptive information unavailable.

SB005403

The World of Work in Vocational Education for Grades 7 and 8.
Organization: Windsor Public Schools, Vt.
Descriptive information unavailable.

SB005404

Development of an Experimental Curriculum for Potential Dropouts.
Organization: Lamoille Union High School, Vt.
Descriptive information unavailable.

SB005405

Evaluation of the Development and Usage of Vermont View Deck.
Organization: North Country Area Vocational Center, Newport, Vt.
Descriptive information unavailable.

SB005406

A Program to Motivate Post-Secondary Technical Students Enrolled at Vermont Technical College to Enter the Profession of Teaching Agriculture Education or Trades and Industrial Education.
Organization: Vermont Univ., Burlington.
Descriptive information unavailable.

SB005407

Conservation and Outdoor Recreation.
Organization: Craftsbury Academy, Vt.
Descriptive information unavailable.

Fiscal Year 1971

SB005408

A Diversified Agricultural Occupations Program with Specialization and Instruction in a Job Area for Grades 11 and 12.
Organization: Bellows Free Academy Vocational Center, Vt.
Descriptive information unavailable.

SB005409

Occupational Orientation.
Organization: Bellows Free Academy, Vt.
Descriptive information unavailable.

SB005410

Contract Services to Implement Programs for Training Personnel for the Public Services Occupations.
Organization: Vermont State Dept. of Education, Montpelier. Div. of Vocational-Technical Education.
Descriptive information unavailable.

SB005411

Leadership and Citizenship Conference for State Officers and Local Officers of the Vocational Youth Groups.
Organization: Vermont State Dept. of Education, Montpelier. Div. of Vocational-Technical Education.
Descriptive information unavailable.

SB005412

The World of Work in Vocational Education for Grades 7 and 8.
Organization: Windsor Public Schools, Vt.
Descriptive information unavailable.

SB005413

Development of an Experimental Curriculum for Potential Dropouts.
Organization: Lamoille Union High School, Vt.
Descriptive information unavailable.

SB005414

Evaluation of the Development and Usage of Vermont View Deck.
Organization: North Country Area Vocational Center, Newport, Vt.
Descriptive information unavailable.

SB005415

A Program to Motivate Post-Secondary Technical Students Enrolled at Vermont Technical College to Enter the Profession of Teaching Agriculture Education or Trades and Industrial Education.
Organization: Vermont Univ., Burlington.
Descriptive information unavailable.

SB005416

Conservation and Outdoor Recreation.
Organization: Craftsbury Academy, Vt.
Descriptive information unavailable.

SB005417

Exemplary Program Proposal Writers Guide to Locating Research Findings.
Organization: Vermont Univ., Burlington.
Descriptive information unavailable.

SB005418

Planning Grant.
Organization: Rutland Windsor Supervisory Union, Vt.
Descriptive information unavailable.

SB005419

Career Office Practice Through Simulation.
Organization: Barre City Regional Vocational center, Vt.
Descriptive information unavailable.

SB005420

A Design for the Development of a Program of Individualized Instruction.
Organization: Saint Johnsbury Academy, Vt.
Descriptive information unavailable.

SB005421

A Design for the Development of a Program of Individualized Instruction.
Organization: Randolph Union High School, Vt.
Descriptive information unavailable.

SB005422

Career Awareness, Grades K-6.
Organization: Burlington City School Dept., Vt.
Descriptive information unavailable.

SB005423

Career Education Proposals.
Organization: Vermont State Dept. of Education, Montpelier. Div. of Vocational-Technical Education.
Descriptive information unavailable.

Fiscal Year 1972

SB005424

The World of Work in Vocational Education for Grades 7 and 8.
Organization: Windsor Public Schools, Vt.
Descriptive information unavailable.

SB005425

Development of an Experimental Curriculum for Potential Dropouts.
Organization: Lamoille Union High School, Vt.
Descriptive information unavailable.

SB005426

Evaluation of the Development and Usage of Vermont View Deck.
Organization: North Country Area Vocational Center, Newport, Vt.
Descriptive information unavailable.

SB005427

A Program to Motivate Post-Secondary Technical Students Enrolled at Vermont Technical College to Enter the Profession of Teaching Agriculture Education or Trades and Industrial Education.
Organization: Vermont Univ., Burlington.
Descriptive information unavailable.

SB005428

Conservation and Outdoor Recreation.
Organization: Craftsbury Academy, Vt.
Descriptive information unavailable.

SB005429

Career Office Practice Through Simulation.
Organization: Barre City Regional Vocational Center, Vt.
Descriptive information unavailable.

SB005430

A Design for the Development of a Program of Individualized Instruction.
Organization: Saint Johnsbury Academy, Vt.
Descriptive information unavailable.

SB005431

A Design for the Development of a Program of Individualized Instruction.
Organization: Randolph Union High School, Vt.
Descriptive information unavailable.

SB005432

Career Awareness, Grades K-6.
Organization: Burlington City School Dept., Vt.
Descriptive information unavailable.

SB005433

Career Education Proposals.
Organization: Vermont State Dept. of Education, Montpelier. Div. of Vocational-Technical Education.
Descriptive information unavailable.

SB005434

Development of a Training Program for Licensed Practical Nurses to be Integrated into the Curriculum Plan of the Vocational Education Department of the Randolph Union High School and the Teaching Facilities of the Gifford Memorial Hospital.
Organization: Randolph Union High School, Vt.
Descriptive information unavailable.

SB005435

Comprehensive Career Planning and Placement.
Organization: Morristown School District, Vt.
Descriptive information unavailable.

SB005436

Project Entrepreneur.
Organization: Windom Southwest Supervisory Union, Vt.
Descriptive information unavailable.

Fiscal Year 1973

SB005437

Development & Usage of VT VIEW.
Organization: North Country Area Vocational Center, Newport, Vt.
Descriptive information unavailable.

SB005438

Environmental Course.
Organization: Craftsbury Academy, Vt.
Descriptive information unavailable.

SB005439

Office Practice Through Simulation.
Organization: Barre City Vocational School, Vt.
Descriptive information unavailable.

SB005440

Career Awareness, K-6.
Organization: Ira Allen School, Burlington, Vt.
Descriptive information unavailable.

SB005441

LPN Program.
Organization: Randolph Union High School, Vt.
Descriptive information unavailable.

SB005442

Career Education.
Project Director: Faulkner, Walter O.
Organization: Washington South Supervisory Union, Northfield, Vt.
The aim of the project is to stimulate teachers to use new materials and meaningful activities in their classes. Teachers will be made familiar with career education materials. Materials which teachers want will be selected and will be evaluated by grade and interest level, attributes, and drawbacks.

SB005443

Comprehensive Career Planning and Placement.
Organization: Morristown School District, Morrisville, Vt.
Descriptive information unavailable.

SB005444

Project Entrepreneur.
Organization: Whitingham High School, Jacksonville, Vt.
Descriptive information unavailable.

SB005445

Career Education Learning Packages, K-8.
Organization: Rutland Town Elementary School, Vt.
Descriptive information unavailable.

SB005446

A Hands-On Training Experience for the Environmental Control Vocations.
Organization: Fairbanks Museum, St. Johnsbury, Vt.
Descriptive information unavailable.

SB005447

WORLD-World of Occupations Related to Learning Disciplines.
Organization: Hartford Memorial School, White River Junction, Vt.
Descriptive information unavailable.

SB005448

OARS-Occupational Awareness for Rural Students.
Organization: Washington Northeast Supervisory Union, Plainsfield, Vt.
Descriptive information unavailable.

SB005449

Career Education.
Organization: Northfield Elementary School, Vt.
Descriptive information unavailable.

SB005450

Wilmington Vocational Exemplary Project.
Project Director: Murrow, Casey
Organization: Deerfield Valley Elementary School, Wilmington, Vt.
Contract and/or Control No.: D-73-6
This project will expose students to occupations in the local environment with which they are familiar. Activities will include studying occupational clusters, small group field trips, recordkeeping and sharing of information from field trips, heightened motivation through the use of photography on field trips, extended study visits and pupil-to-pupil exchanges, and contacts with local resource people to expand the students' knowledge of business and industry.

Fiscal Year 1974

SB005451

Project Entrepreneur.
Organization: Whitingham High School, Jacksonville, Vt.
Descriptive information unavailable.

SB005452

Career Education Learning Packages, K-8.
Organization: Rutland Town Elementary School, Vt.
Descriptive information unavailable.

SB005453

A Hands-On Training Experience for the Environmental Control Vocations.
Organization: Fairbanks Museum, Vt.
Descriptive information unavailable.

SB005454

WORLD-World of Occupations Related to Learning Disciplines.
Organization: Hartford Memorial School, Vt.
Descriptive information unavailable.

SB005455

OARS-Occupational Awareness for Rural Students.
Organization: Washington Northeast Supervisory Union, Vt.
Descriptive information unavailable.

SB005456

Career Education.
Organization: Northfield Elementary, Vt.
Descriptive information unavailable.

SB005457

Wilmington Vocational Exemplary Project.
Project Director: Murrow, Casey
Organization: Deerfield Valley Elementary School, Wilmington, Vt.
Contract and/or Control No.: D-73-6
This project continues established efforts to expose students to occupations in familiar local environments. Activities include studying occupational clusters, small group field trips, recordkeeping and sharing of information gathered on the field trips, heightened motivation using photography from the field trips, extended study visits and pupil-to-pupil exchanges, and contacts with local resource people to expand the students' knowledge of business and industry.

SB005458

Development and Usage of Vermont VIEW.

Organization: North Country Area Vocational Center, Newport, Vt.
Descriptive information unavailable.

SB005459

Environmental Course.
Organization: Craftsbury Academy, Vt.
Descriptive information unavailable.

SB005460

Office Practice Through Simulation.
Organization: Barre City Vocational Center, Vt.
Descriptive information unavailable.

SB005461

Career Awareness, K-6.
Organization: Ira Allen School, Burlington, Vt.
Descriptive information unavailable.

SB005462

LPN Program.
Organization: Randolph Union High School, Vt.
Descriptive information unavailable.

SB005463

Career Education.
Organization: Washington South Supervisory Union, Vt.
Descriptive information unavailable.

SB005464

Comprehensive Career Planning and Placement.
Organization: Morristown School District, Morrisville, Vt.
Descriptive information unavailable.

Fiscal Year 1975

SB005465 **VTP-2246**

Wilmington Vocational Exemplary Project.
Project Director: Murrow, Casey
Organization: Deerfield Valley Elementary School, Wilmington, Vt.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: D-73-6

This project continues established efforts to expose students to occupations in familiar local environments. Activities include studying occupational clusters, small group field trips, recordkeeping and sharing of information gathered on the field trips, heightened motivation using photography from the field trips, extended study visits and pupil-to-pupil exchanges, and contacts with local resource people to expand the students' knowledge of business and industry.

SB005466 **VTP-2242**

A Coordinated District-Wide K-12 Career Education Activity Program.
Project Director: Lanphear, Dale
Organization: Chittenden Central School District, Essex Junction, Vt.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: D-74-1

This project will integrate a coordinated program of career education learning activities into the district curriculum, familiarizing students with the range of occupations requiring special skills and prerequisites. Objectives are to develop a position of authority and expertise in career education; increase community participation in school-related activities; encourage teachers to develop materials for classroom use; and implement, evaluate, publish, and disseminate the materials.

SB005467

Proposal for the Establishment of a Job Placement Services Project.
Project Director: Stoll, George
Organization: Rutland Central Supervisory Union, Vt.

The objectives of this project are to provide students with preplacement training and career counseling and develop a job directory of potential employers. The project will establish a system for job placement by using the services of employment security and other agencies, obtain feedback for evaluation, and provide liaison between the schools and placement agencies.

SB005468 **VTP-2238**

Career Education.
Project Director: Faulkner, Walter O.
Organization: Orleans Central Supervisory Union, Vt.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: D-75-2

The objectives of this project are to establish a data base for career education composed of information regarding students, teachers, and community members; write a state plan for career education, integrate career education into preservice teacher education; encourage service clubs and industry to participate in programs; and disseminate teacher and project-produced materials. Procedures include developing instruments and methods for contact purposes, and applying data collected to produce a state plan.

SB005469 **VTP-2239**

Career Education.
Project Director: Ladd, Janet
Organization: North Hero Town School District, Vt.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: D-75-3

The goal of this project is to develop a program to provide students an equal opportunity for career success and knowledge of leisure activity crafts. Activities will include training crafts persons in classroom instruction procedures for teaching use of their tools, developing a hand tools technology program for grades 1-5, explaining occupations through field trips and presentations in grades 4-6, investigating occupations and preparations to acquire these jobs in grades 6-8, and developing a community education program.

SB005470 **VTP-2244**

KNOW: Kindling New Outlooks on Work; Creating a Rural Career Education Continuum.
Project Director: Samson, Mike
Organization: Cabot School District, Vt.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: D-75-4

The first year of this four-year project will provide inservice training to implement career awareness for grades K-6, career exploration for grades 7-9, and career preparation for grades 10-12 as a motivation and training base; increase community resources and involvement; provide occupational experiences for all students; provide counseling services to aid in placement; and develop a high school work study program.

SB005471 **VTP-2245**

Orange East Natural Resource/Career Education Project.
Project Director: Gonzalez, Frank
Organization: Orange East Supervisory Union, Bradford, Vt.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: D-75-5

This project is designed to provide K-12 students with hands-on experiences in crafts. Pretests, posttests, and questionnaires will measure students' self-knowledge, career clusters awareness, and interest levels. Workshops acquainting students and teachers with craft uses of stone, clay, wood, and wool will be held. The relation of crafts to possible careers will be discussed. Student products will be entered in shows and crafts festivals.

SB005472 VTP-2241

A Chance to Choose.
Project Director: Birch, Hinda
Organization: Windham Northeast Supervisory Union, Bellows Falls, Vt.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: D-75-6

The objective of this K-8 curriculum development project is to familiarize elementary students with individual career opportunities within and beyond the imnmediate area. A focus will be on eliminating predefined job roles and sex-role stereotyping. The individual's self-awareness will be assessed and improved and the results recorded through pretests and posttests. Volunteer programs, role playing, and field trips are planned to provide students with many opportunities to develop career awareness.

SB005473 VTP-2240

Career/Self Exploratory Program.
Project Director: Keenan, Kerry
Organization: Saint Johnsbury School District, Vt.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: D-75-7

The purpose of this project is to broaden the career education awareness of elementary and junior high students and teachers. The project will increase teachers' knowledge of materials; develop a newsletter; and include inservice programs of local, state, and national projects and an interchange of ideas between junior high schools. The programs will aid students to develop an awareness of the school/work relationship, recognition of job satisfaction values, and identification of learning problems.

Fiscal Year 1976

SB005474 VTP-2629

Career Resource Centers.
Project Director: Mendrick, Ronald
Organization: Castleton State Coll., Vt.
Funding Period: Start Date 30 Apr 76; End Date 30 Jun 77

The project intends to establish career resources in the areas surrounding Castleton State and Johnson State Colleges. A cooperative network of local school personnel will be established to share career education program ideas, methods of implementation, and resources. To draw school personnel, the center will provide facilities, a college professional coordinator, and funds for resources. Career education comprehensive programs will be established or enhanced in fifteen schools.

SB005475

KNOW: Kindling New Outlooks on Work; Creating a Rural Career Education Continuum.
Project Director: Samson, Mike
Organization: Cabot School District, Vt.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: D-75-4

The second year of this four-year project will provide inservice training to implement career awareness for grades K-6, career exploration for grades 7-9, and career preparation for grades 10-12 as a motivation and training base; increase community resources and involvement; provide occupational experiences for all students; provide counseling services to aid in placement; and develop a high school work study program.

SB005476 VTP-2630

A Chance to Choose.
Project Director: Birch, Hinda
Organization: Windham Northwest Supervisory Union, Bellows Falls, Vt.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project is a continuation of a K-12 exemplary career education program to develop career awareness skills that are integrated into the regular curriculum. The curriculum will be flexible enough to meet individual student needs. A Career Options Resource Center will be continued and enlarged.

SB005477

Career Education.
Project Director: Faulkner, Walter O.
Organization: Orleans Central Supervisory Union, Vt.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: D-75-2

The objectives of this project are to establish a data base for career education composed of information regarding students, teachers, and community members; write a state plan for career education; integrate career education into preservice teacher education; encourage service clubs and industry to participate in programs; and disseminate teacher and project-produced materials. Procedures include developing instruments and methods for contact purposes, and applying data collected to produce a state plan.

SB005478

Career Education.
Project Director: Tier, Joann
Organization: North Hero Town School District, Vt.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: D-75-3

In this continuing career education project for students in grades 1-8, county teachers will conduct at least one career education activity in their classroom; students will participate in career education activities in four occupational clusters; the community will become familiar with project goals; seventh and eighth graders will indicate a career goal, and eighth graders will choose an appropriate area high school; and students will continue to develop self-awareness and positive attitudes.

SB005479

A Coordinated District-Wide K-12 Career Education Activity Program.
Project Director: Lanphear, Dale
Organization: Chittenden Central School District, Essex Junction, Vt.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: D-74-1

This project will integrate a coordinated program of career education learning activities into the district curriculum, familiarizing students with the range of occupations requiring special skills and prerequisites. Objectives are to develop a position of authority and expertise in career education; increase community participation in school-related activities; encourage teachers to develop materials for classroom use; and implement, evaluate, publish, and disseminate the materials.

SB005480 VTP-2633

Proposal for the Establishment of Job Placement Services.
Project Director: Stoll, George
Organization: Rutland Central Supervisory Union, Vt.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

Activities during the third year of this job placement project will focus on dissemination efforts. The project will establish a system for job placement, obtain feedback for evaluation, and provide liaison between schools and placement agencies. The job directory will be evaluated by guidance counselors and improved. The project will continue to survey employers.

Fiscal Year 1977

SB005481 VTP-2889

Individualized Learning Package Development for Combined Electrical-Electronic Occupational Training Program.
Project Director: Persico, Alfred M.
Organization: Bellows Free Academy, St. Albans, Vt.
Funding Period: Start Date 1 Apr 77; End Date 31 Mar 78
Contract and/or Control No.: D-78-2

The purpose of the project is to improve student learning in a two-year electrical-electronic program by developing a self-paced and individualized instructional program. Procedures will include developing or procuring instructional material including theory and practical information, experiments, tests, and audiovisual material and conducting a review session by instructors from other schools before final draft of the material is printed.

SB005482 **VTP-2887**

Artistic Related Trades Project.
Project Director: Tabor, Luther G.
Organization: Burlington Area Vocational-Technical Center, Vt.
Funding Period: Start Date 1 Apr 77; End Date 30 Jun 78

The purpose of this project is to initiate a new program in commercial art at the center which would provide career preparation for students with artistic talents. Specific objectives are to (1) equip a facility instructionally adequate for commercial art and industrial arts drafting; (2) increase the shared time participation at the center while increasing the female enrollment percentage in technical fields; (3) continue to revise offerings at the center in new and expanding employment fields; and (4) reduce the financial risk the school district must assume when offering a vocational elective to students not traditionally taking advantage of vocational education.

SB005483 **VTP-2885**

Adult Basic Education/Experience-Based Career Education Project.
Project Director: Bloomer, Nancy H.
Organization: Adult Basic Education, Winooski, Vt.
Funding Period: Start Date 1 Apr 77; End Date 30 Jun 78

The project purposes are to develop curriculum suitable for ABE students in content and reading level to help them integrate career planning, vocational interests, and life skills with basic communication and math skills; provide a variety of career and prevocational experiences for students, including onsite, experience-based knowledge of various occupations; and use community resources for the career experiences, vocational training, human services, and life skill competencies which students need.

SB005484

Development of Local Programs That Will Enable Each Vermonter to Have, at the End of His/Her Formal Education, Knowledge of the World of Work and Acquisition of Salable Skills.
Organization: Vermont State Dept. of Education, Montpelier.

Descriptive information unavailable.

SB005485

Summer Career Exploration.
Organization: Addison County Vocational Center, Middlebury, Vt.

Descriptive information unavailable.

SB005486

Adult Basic Education/Experience-Based Career Education Project.
Project Director: Bloomer, Nancy H.
Organization: Adult Basic Education, Winooski, Vt.
Funding Period: Start Date 1 Apr 77; End Date 30 Jun 78

The project purposes are to develop curriculum suitable for ABE students in content and reading level to help them integrate career planning, vocational interests, and life skills with basic communication and math skills; provide a variety of career and prevocational experiences for students, including onsite, experience-based knowledge of various occupations; and use community resources for the career experiences, vocational training, human services, and life skill competencies which students need.

SB005487 **VTP-2890**

A Long-Range Look at the Impact of Exemplary Programs in the State of Vermont.
Project Director: Gustafson, Richard A.
Organization: CEDAR Associates, Keene, N.H.
Funding Period: Start Date 1 Apr 77; End Date 30 Jun 78

The purpose of the project is to study the long-range impact of thirty previously funded exemplary projects and analyze the findings to assist decision makers in isolating factors enhancing success in funded projects. Procedures will include identifying projects to be included in the study, developing an assessment instrument to collect common data from all projects, modifying and approving an assessment instrument by the state exemplary program coordinator, and conducting on-site visits.

SB005488

North Hero Dissemination Workshop.
Organization: North Hero School District, Vt.

Descriptive information unavailable.

SB005489 **VTP-2632**

KNOW: Kindling New Outlooks on Work.
Project Director: Samson, Mike
Organization: Cabot Town School District, Vt.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: D-75-4

This project will continue a K-12 career education program. Objectives include developing and implementing strategies to cultivate career awareness in grades K-6 and career exploration in grades 7-10, continuing the work-study program, and continuing and refining the counseling and field exploration program. A package of exportable materials for use in other small, rural schools will be developed.

SB005490 **VTP-2888**

A Chance to Choose.
Project Director: Birch, Hinda
Organization: Windham Northeast Supervisory Union, Bellows Falls, Vt.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 78

The purposes of the project are to increase career education in grades 9-12; continue to evaluate the existing K-8 curriculum, infusing concepts of career education, decision making, responsibility, and self-awareness as part of the process; and incorporate entire departments into the project's core staff where applicable. Interdisciplinary projects will be tied to school subjects and real-world experiences.

VIRGINIA

Part C

Fiscal Year 1971

SB005491 VTP-480

Testing of Model for Evaluation of Secondary School Programs of Vocational Education in Agriculture, Phase II.
Project Director: Crunkilton, John R.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg. Dept. of Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The aim of this project is to develop an evaluation model which can be used by local communities for evaluating and improving vocational education in agriculture. Procedures include conducting follow-up studies of graduates from participating schools and obtaining data on enrollment, the program, the community, and attitudes of adults towards agricultural education.

SB005492 VTP-481

Information Diffusion and Research Utilization in Vocational Education.
Project Director: Miller, Malvern L.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg. Dept. of Education.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project is phases III and IV of the "Exemplary Pilot Informational Diffusing Utilization Model for Distributive Education Teacher-Coordinators." It will permit the project to involve more vocational education service areas and personnel. The major thrusts are to provide educational seminars on the use of the information dissemination system and acquire a storage bank of relevant materials.

SB005493 VTP-458

An Evaluation System for Vocational Education in Virginia.
Project Director: Lewis, Wiley B.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg. Dept. of Education.
Funding Period: Start Date 1 Jan 71; End Date 30 Jun 75

This research project will develop and implement a system that will provide the information needed to evaluate effectiveness of vocational education programs, services, and activities and determine the adjustments needed to meet changing conditions. The information gathered will be identified by service areas and schools and fed back to local and state levels to provide a basis for directed change.

SB005494 VTP-082

Development of an Instructional Resources Center for Distributive Education in Virginia.
Project Director: Ely, Vivien King
Organization: Virginia Commonwealth Univ., Richmond. Dept. of Distributive Education.
Funding Period: Start Date 1 Feb 71; End Date 30 Jun 73

This project will fund a research, testing, and evaluation program to determine the requirements, functions, operations, and feasibility of establishing a distributive education instructional resources center. The project will be conducted as a group of original investigations concerning center purposes, with results tested and evaluated through experimental use.

SB005495 VTP-478

Development of a Computerized System to Serve the Vocational Education Program of Loudoun County.
Project Director: Welch, Arthur A.
Organization: Loudoun County School System, Va.
Funding Period: Start Date 1 Mar 71; End Date 30 Jun 72

The purpose of this project is to investigate and develop a computerized system to serve the vocational education needs of the county. The project will be implemented in two phases: investigation and development, and preparation and implementation. Upon completion of the test period, the entire project will be evaluated.

SB005496 VTP-534

A Follow-Up Study of Former Occupational-Technical Students at Virginia Community Colleges.
Project Director: Snyder, Fred A.
Organization: Virginia State Board for Community Colleges, Richmond.
Funding Period: Start Date 17 Jan 72; End Date 16 Jun 72

The purpose of this study is to describe former occupational-technical students and their achievements and activities while in college and in subsequent employment. Data will be collected and examined which relates to student characteristics, postcollege activities, and reactions towards their college experience and current employment. Data will be examined separately for curricular groups and for graduates and nongraduates.

SB005497

Insulation Against Future Job Market Shock.
Organization: Mountain Empire Community Coll., Big Stone Gap, Va.

The objectives of this project are to determine the middle manpower job market for the next three to six years in the region served by Mountain Empire Community College, survey attitudes of students toward these occupations, and develop a Job Information Plan for vocational counseling to attract students to more occupations for which there will be openings.

SB005498 VTP-524

Research and Develop a Master Plan for the Identification and Accommodation of Disadvantaged and Handicapped Students within the Virginia Community Colleges Vocational Education Programs.
Organization: Virginia State Dept. of Community Colleges, Richmond.
Funding Period: Start Date 1 Jul 71; End Date 1 Dec 71

The aims of this project are to determine the number of handicapped students in the state; if selected colleges should be designated for special programs for the handicapped; and the need for new courses, services, and programs that may be required. Identified will be special training required for faculty members, special instructional materials or equipment, and the various federal programs that may provide assistance.

SB005499 VTP-519

Learning Resources for the Disadvantaged Student.
Organization: Virginia State Dept. of Community Colleges, Richmond.

This project will use personnel and materials resources to determine ways to improve developmental studies for disadvantaged students entering occupational-technical programs, develop successful learning systems for the disadvantaged, and train community college faculty to apply those learning systems found most beneficial. This

project is a two-year, two-phase project.

Fiscal Year 1972

SB005500 VTP-488

Development and Evaluation of a Program Designed to Teach Consumer Education to High School Home Economics Teachers, Using Closed-Circuit Television as the Transmission Medium.
Project Director: Groseclose, Margaret
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg, Coll. of Home Economics.
Funding Period: Start Date 2 Jun 71; End Date 30 Jun 72

The aims of this project are to develop a series of lessons on tape to use as a survey course of study in consumer education which may be shown in several areas of the state. A faculty committee will develop the course outline. The series of tapes will be produced, edited, refined and put into final form for distribution. The tapes will be shown to two groups of teachers for evaluation and recommendations.

SB005501

Research on Problems Concerning the Establishment of an Instructional Resources Center for Distributive Education in Virginia. A Feasibility Study.
Project Director: Trakowski, Albert C.
Organization: Virginia Commonwealth Univ., Richmond. Dept. of Distributive Education.
Funding Period: Start Date 1 Oct 70; End Date 30 Jun 73

This project will identify, examine, and solve the problems related to the design and operation of an instructional resources center for distributive education. The project will determine, through research and practical tests and evaluation of research results, what the center should do, how it should do it, and what facilities and resources are needed.

SB005502 VTP-102

Development of a Computerized System to Serve the Vocational Education Programs of Loudoun County.
Project Director: Welch, Arthur A.
Organization: Loudoun County School Board, Leesburg, Va.
Funding Period: Start Date 8 Mar 71; End Date 30 Jun 71

This project will study the need for and feasibility of using a small general purpose computer to improve vocational education in a county school system. The two phases of the project are investigation and development, and preparation and implementation. Upon completion of the test period, the entire project will be evaluated.

SB005503 VTP-085

An Evaluation System for Vocational Education in Virginia.
Project Director: Lewis, Wiley B.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg. Dept. of Education.
Funding Period: Start Date 15 Feb 71; End Date 30 Jun 75

This project will develop and implement a system to provide information needed to evaluate effectiveness of vocational education programs, services, and activities and determine the adjustments needed to meet changing conditions. The information gathered will be identified by service areas and schools and fed back to local and state levels to provide a basis for directed change.

SB005504

Learning Resources for the Disadvantaged Student.
Organization: Virginia State Dept. of Community Colleges, Richmond.

The objectives of this project are to use personnel and material resources to determine ways to improve developmental studies for disadvantaged students entering occupational-technical programs, develop successful learning systems for the disadvantaged, and train community college faculty to apply those learning systems found most beneficial. This project is a two-year, two-phase project.

Fiscal Year 1973

SB005505 VTP-879

Followup Study of Former Occupational-Technical Students at Virginia Community Colleges: Phase Two.
Project Director: Snyder, Fred A.
Organization: Virginia State Board for Community Colleges, Richmond.
Funding Period: Start Date 1 Jan 73; End Date 30 Jun 73

The goal of this study is to prepare and disseminate three research projects which give descriptions and comparisons of former occupational-technical students' characteristics, postcollege activities, and attitudes toward their community college experience and current employment. A community college educator will write the reports and relate findings from this study to those of comparable findings available from across the country.

SB005506 VTP-878

Learning Resources for the Disadvantaged Student (Second Phase) (Second Year).
Project Director: Eldersveld, Martin A.
Organization: Virginia State Board for Community Colleges, Richmond.

The objectives of this study are to develop methods to improve initial placement into educational programs, identify and harness a variety of learning resources to best serve individual needs, and structure them in a meaningful way. An appropriate measuring instrument will be selected to test each element individually, and the test will be administered to all students in developmental mathematics at the beginning and end of spring quarter.

SB005507 VTP-880

A National Review of the Goals and Outcomes of Community College Occupational-Technical Education.
Project Director: Snyder, Fred A.
Organization: Virginia State Board for Community Colleges, Richmond.
Funding Period: Start Date 1 Jan 73; End Date 30 Jun 73

The objectives of this study are to construct an accountability goals inventory; examine the procedures, emphases, quality, and findings of a national collection of follow-up studies; and compare it to state follow-up studies. A thorough search of the literature for statements of community college occupational-technical education goals, follow-up study reports, and research designs will be conducted.

SB005508

An Evaluation System for Vocational Education in Virginia.
Project Director: Lewis, Wiley B.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg. Dept. of Education.
Funding Period: Start Date 15 Feb 71; End Date 30 Jun 75

This project will develop and implement a system to provide information needed to evaluate effectiveness of vocational education programs, services, and activities and determine the adjustments needed to meet changing conditions. The information gathered will be identified by service areas and schools and fed back to local and state levels to provide a basis for directed change.

SB005509

Information Diffusion and Research Utilization in Vocational Education (Research Utilization).
Project Director: Crawford, Lucy C.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objectives of this continuation project are to introduce more vocational education personnel to the major vocational education dissemination system; assist local educators to identify pertinent research; and develop a procedure to use research at the local level to improve and update instruction, supervision, and administration. An up-to-date microfiche collection, computer tapes, and indexes will be maintained.

SB005510 VTP-446

Research on Problems Concerning the Establishment of an Instructional Resources Center for Distributive Education in Virginia. A Feasibility Study.
Project Director: Trakowski, Albert C.
Organization: Virginia Commonwealth Univ., Richmond. Dept. of Distributive Education.
Funding Period: Start Date 1 Oct 70; End Date 30 Jun 73

This project will identify, examine, and solve the problems related to the design and operation of an instructional resources center for distributive education. The project will determine, through research and practical tests and evaluation of research results, what the center should do, how it should do it, and what facilities and resources are needed.

SB005511

Development of a Computerized System to Serve the Vocational Education Programs of Loudoun County.
Project Director: Welch, Arthur A.
Organization: Loudoun County School Board, Leesburg, Va.
Funding Period: Start Date 8 Mar 71; End Date 30 Jun 71

This project will study the need for and feasibility of using a small general purpose computer to improve vocational education in a county school system. The two phases of the project are investigation and development, and preparation and implementation. Upon completion of the test period, the entire project will be evaluated.

Fiscal Year 1974

SB005512 VTP-1288

Developing Performance Objectives and Criterion-Referenced Measures in Vocational Education.
Project Director: Adams, Dewey A.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg.
Funding Period: Start Date 1 Jan 74; End Date 30 Jun 75

The goals of this project are to determine what has been developed in performance objectives and criterion-referenced measures in the selected occupational areas; survey incumbent workers in the selected areas, and use the results to develop catalogs of objectives and measures; and field test the catalogs to determine their validity. A comprehensive list of tasks performed will be developed and sent to a selected group of workers. Follow-up procedures will also be used.

SB005513

An Evaluation System for Vocational Education in Virginia.
Project Director: Lewis, Wiley B.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg. Dept. of Education.
Funding Period: Start Date 15 Feb 71; End Date 30 Jun 75

This project will develop and implement a system to provide the information needed to evaluate effectiveness of vocational education programs, services, and activities and determine the adjustments needed to meet changing conditions. The information gathered will be identified by service areas and schools and fed back to local and state levels to provide a basis for directed change.

Fiscal Year 1975

SB005514 VTP-1439

Career Opportunities in Transportation.
Project Director: DeGraw, Beverly C.
Organization: Harrisonburg City Schools, Va.
Funding Period: Start Date 1 Sep 74; End Date 1 Jun 75

The purposes of this project are to develop a six-week unit plan on transportation for a seventh grade industrial arts program, a list of materials and supplies necessary for a program, a list of local resource persons and agencies, and slide programs to supplement the unit. Other programs will be visited and viewed; resource materials from other sources will be requested, and a list will be made of them; persons from local industries and government agencies will be interviewed; and an outline of the unit will be developed.

SB005515 VTP-1440

Design for a One-Semester Curriculum for Exploratory Business.
Project Director: Fleshman, Kay M.
Organization: Portsmouth City Schools, Va.
Funding Period: Start Date 1 Aug 74; End Date 10 Jun 75

The aim of this project is to develop a curriculum guide for a one-semester exploratory business course at the junior high level. Questionnaires will be sent to guidance counselors and will be given to local business education supervisors. Courses currently being taught will be observed; and field trips, speakers, and materials will be arranged if possible. A bibliography of visual aids will be developed.

SB005516 VTP-1433

A Project to Provide Student Orientation and Public Information on the Vocational Education Program in Appomattox County.
Project Director: Carter, R. B.
Organization: Appomattox County School Div., Va.
Funding Period: Start Date 3 Sep 74; End Date 30 Jun 75

The purpose of this project is to develop a slide and narrative presentation which will help students in grades 6-11 make more realistic vocational course decisions, as demonstrated by a questionnaire which will be administered.

SB005517 VTP-1434

Activities Relating to Recruiting and Selecting Vocational Students.
Project Director: Iler, Robert
Organization: Henry County Public Schools, Va.
Funding Period: Start Date 1 Jul 74; End Date 10 Jun 75

The objectives of this project are to increase enrollment and decrease the dropout rate in vocational programs, and provide criteria and guidelines for selecting students. Information about techniques used by other schools will be obtained through questionnaires and requests for procedures and materials. Brochures for vocational programs, student and parental visitation programs, and audiovisual programs will be developed and evaluated. Student questionnaires and prevocational aptitude tests will be developed or selected and administered.

SB005518 VTP-1435

Assessment of the Impact of Vocational Media on Russell County Sophomores.
Project Director: Massie, Larry A.
Organization: Russell County Vocational School, Va.
Funding Period: Start Date 1 Jul 74; End Date 10 Jun 75

The purpose of this project is to determine student awareness of vocational school curriculum. The project director and his staff will develop a testing instrument which will consist of multiple choice questions and will be used as both a pretest and posttest. The pretest will be administered, a media orientation package will be developed and implemented, and then the posttest will be given.

SB005519 VTP-1436

Coordinated Curricular Strategies for a Countywide K-12 Vocational Program in Agriculture.
Project Director: Ely, R. H.
Organization: Washington County Public Schools, Va.
Funding Period: Start Date 1 Jul 74; End Date 1 Jun 75

The purposes of this project are to promote coordination between curricular efforts of the different agricultural specializations; provide a meaningful orientation, exploration, and skill experience in agriculture; and incorporate the curricular approach into modules of instruction. The curricular outline and modules will be developed by the agriculture teachers.

SB005520 VTP-1432

Teacher Use of Career Counseling Modules in Developing Career Awareness.
Project Director: Carpenter, Joseph
Organization: Alleghany County School Board, Va.
Funding Period: Start Date 9 Sep 74; End Date 30 May 75

The goals of this project are to increase eighth grade students' knowledge and awareness of themselves and their career options and enable the students to identify relationships between their personal

activities and interests and the available career options. Appraisal instruments will be administered, and several packets designed for individual and small group work for students will be developed and used. A posttest evaluation instrument will be administered.

SB005521 **VTP-1431**

Five Year Follow-Up of Albermarle High School Graduates.
Project Director: Mawyer, Suzanne T.
Organization: Albermarle County, Va.

The aim of this project is to conduct a five-year follow-up study of the 1969 graduates, determine where they are working, what percentage attended or graduated from college, and how many attended or graduated from vocational schools. A list of names will be obtained from the permanent record files. A questionnaire will be devised and mailed to the graduates. A follow-up of graduates not responding will be conducted until 85 percent of the responses are received.

SB005522 **VTP-1429**

The Establishment of Baseline Data on Students Leaving George Washington High School Through Graduation or Dropping-Out; 1970-1974 as a Basis for Future Follow-Up.
Project Director: Hillard, Larry R.
Organization: Danville Public Schools, Va.
Funding Period: Start Date 1 Jul 74; End Date 10 Jun 75

The purpose of this project is to conduct a five-year follow-up survey of graduates and dropouts to give the school information for future programs and philosophies and get baseline data for future follow-up. A survey instrument will be mailed to all graduates and dropouts from 1970-1974. The survey information will then be disseminated.

SB005523 **VTP-1430**

Career Development Counseling with Video Tape Recording (CDC-VTR).
Organization: New Kent County Schools, Va.
Funding Period: Start Date 1 Sep 74; End Date 10 Jun 75

The goal of this project is to determine if videotape recording can enhance counseling techniques in establishing the operational self-image of seventh grade students in career and vocational education. One hundred students enrolled in home economics and industrial arts programs will be randomly selected and administered pre and posttests. The experimental group will receive counseling and videotaped recordings.

SB005524 **VTP-1428**

Development and Implementation of Career Education in the Public Schools of Virginia.
Project Director: Johnson, S. P.
Organization: Virginia State Dept. of Education, Richmond.

The aims of this project are to assemble, review, and catalogue materials that have been prepared on career education; provide leadership within the State Department of Education in planning, developing, and implementing the career education program; plan and conduct an inservice training program on career education for local school personnel; and assist local school divisions in developing and initiating a career education program.

SB005525 **VTP-1576**

A Compilation, Preparation, and Distribution of Instructional Materials That Emphasize Positive Work Ethics in Relation to Occupational Choice.
Project Director: Curry, Charles
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg.
Funding Period: Start Date 30 Sep 74; End Date 10 Jun 76

The objectives of this project are to locate and obtain copies of existing instructional materials related to teaching pride in good workmanship, ethical conduct, and a realistic self-image; evaluate, organize, and compile these materials into a bibliography; familiarize junior and high school vocational students with work ethics; and evaluate the efficacy of a curriculum.

SB005526 **VTP-1925**

Guidelines and Resources for the Development, Implementation, Operation and Evaluation of Local Vocational Advisory Committees or Councils.
Project Director: Ramey, Walter S.
Organization: Virginia Commonwealth Univ., Richmond.
Funding Period: Start Date 3 Mar 75; End Date 29 Aug 75

The aims of this project are to develop and publish guidelines for organizing, implementing, operating, and evaluating local vocational advisory committees or councils; compile a reference file designed to aid the advisory committees; and accumulate research publications concerning the status of the committees and the attitudes of school faculty and the community toward the committees. The project will be conducted in three phases.

SB005527 **VTP-1441**

An Evaluation of the Health Careers Program at Jefferson Senior High School.
Project Director: Enoch, Lloyd W.
Organization: Roanoke City Public Schools, Va.
Funding Period: Start Date 15 Aug 74; End Date 1 Jun 75

The objectives of this project are to determine the effectiveness of the health careers program in guiding students in their career choice; establish the degree to which knowledge and skills obtained helped students prepare for employment; provide information for use in improving instruction; and produce data for use in future expansion of the program. Data will be collected in a survey of former students and their employers.

SB005528 **VTP-1442**

A Study to Provide Tidewater Area Industrial Arts Teachers with the Information, Equipment, and Coordinating Agency Necessary for the Establishment and Operation of Secondary School Chapters of the Virginia Industrial Arts Student Association.
Project Director: Joyner David I.
Organization: Old Dominion Univ., Norfolk, Va.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The goals of this project are to become aware of the significance of available information about and materials used in establishing an industrial arts club, and establish one. Available materials will be collected, and a questionnaire for industrial arts teachers will be distributed. Three workshops will be conducted to make arrangements for the club, and a post-project questionnaire will be distributed.

SB005529 **VTP-1437**

Public Information on Vocational Education.
Project Director: Reed, Linville G.
Organization: Wise County Schools, Va.
Funding Period: Start Date 1 Jul 74; End Date 10 Jun 75

The aim of this project is to produce a slide program to make the public aware of all vocational programs, renew dropout interest in vocational training, and make adults aware of retraining possibilities. The needed equipment will be purchased and tested, the narrative portion of the program will be written, and slides of activities will be made. The program will be distributed as soon as it is completed.

SB005530 **VTP-1438**

Vocational In-Service for Secondary Guidance Counselors.
Project Director: Charlton, Elizabeth
Organization: York County Public Schools, Va.
Funding Period: Start Date 1 Jul 74; End Date 10 Jun 75

The intent of this project is to make counselors more aware of vocational offerings in the community, inform them of vocational programs, and have experiences in selecting and guiding potential vocational students. Counselors will be instructed in the types of vocational programs available, visit various establishments where students work, and participate in laboratory simulations of counseling sessions.

SB005531

Developing Performance Objectives and Criterion-Referenced Measures in Vocational Education.

Project Director: Adams, Dewey A.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg.
Funding Period: Start Date 1 Jan 74; End Date 30 Jun 75

The goals of this project are to determine what has been developed in performance objectives and criterion-referenced measures in the selected occupational areas; survey incumbent workers in the selected areas, and use the results to develop catalogs of objectives and measures; and field test the catalogs to determine their validity. A comprehensive list of tasks performed will be developed and sent to a selected group of workers. Follow-up procedures will also be used.

SB005532

Further Development of the Vocational Education Management Information System for Virginia.
Project Director: Adams, Dewey A.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of this project is to determine if enrollment and follow-up information collected by the Vocational Education Reporting System is adequate for meeting accountability requirements and for evaluation and planning of vocational education programs by local school divisions. An instrument will be developed and validated to determine student demand for vocational programs.

SB005533 **VTP-1521**

The Design, Field Testing and Implementation of a Curriculum for the Course "Introduction to Vocations" for the Middle Schools and Junior High Schools of the Commonwealth of Virginia.
Project Director: Dugger, William E., Jr.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 77

The goals of this project are to develop a rationale for the curricular design, the field test, implementation experiences, and evaluation; identify a body of knowledge and design a total curriculum for the course; and develop the software and other materials to implement a course at the middle or junior high school level. Inservice programs and orientation experiences will be designed and conducted for teachers of the curriculum. A student textbook, activity handbook, and teacher's guide will be developed.

Fiscal Year 1976

SB005534

Vocational Education Management System Project.
Project Director: Clouse, James P.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 78

The purpose of this project is to develop additional data systems, continue development of the visitation team procedure, and expand and improve the Virginia Vocational Education Management System (VEMS) and the annual local evaluation. A Teachers' Guide and VEMS forms will be printed, and an improved system for record management for Fire Service Training will be developed.

SB005535

Vocational-Technical Education Consortium of States in Virginia.
Project Director: Clouse, James P.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 77

The major objective of this research is to develop the catalogs of performance objectives and criterion-referenced measures for which Virginia is responsible through the Vocational-Technical Education Consortium of States (V-TECS). This will include completing two catalogs currently assigned, completing two additional catalogs, and initiating work on two more catalogs.

SB005536

Vocational Information Service - Operation VIS (a project to provide student career guidance and orientation resources and public information concerning the vocational education program in Scott County).
Project Director: Mays, Sue B.
Organization: Scott County School Div., Gate City, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The objectives of this project are to develop for students an orientation program about vocational offerings; help guidance counselors, teachers, and administrators become more informed about the total vocational education program; and develop a public information program on the scope, needs, and plans of vocational education in Scott County. A sound-synchronized, slide and movie program will be developed.

SB005537

Assessment of the Effect of a Vocational Awareness Media Program on Russell County 6th, 7th, 8th Grade Students.
Project Director: Duty, Charles E.
Organization: Russell County Schools, Va.
Funding Period: Start Date 1 Jul 76; End Date 15 Jun 77

The intent of this project is to develop a vocational awareness program of all vocational education offerings in the Russell County School System. A synchronized, sound-slide program and a videotape program of all the vocational programs in the county will be developed and shown to all students in grades 6-8. A pretest and posttest will be administered to a 10 percent sample of the total target population.

SB005538

Tazewell County Vocational Education Follow-Up on Film.
Project Director: Nickels, Henry C.
Organization: Tazewell County School Board, Va.
Funding Period: Start Date 1 Jul 76; End Date 10 Jun 77

The objectives of this program are to contact at least 10 percent of the 1974 graduates and compile this follow-up information into a slide-tape presentation for public information and teacher inservice training. Slides will be taken of vocational graduates at work and of unsafe work practices in an attempt to upgrade the county's safety instruction.

SB005539

A Project to Provide Student Orientation and Public Information on the Vocational Education Program in Prince Edward County.
Project Director: Mayfield, Thomas
Organization: Prince Edward County Public Schools, Farmville, Va.
Funding Period: Start Date 1 Sep 76; End Date 30 Jun 77

The purpose of this project is to provide 90 percent of the students in grades 7-11 with information to help them make more realistic vocational course decisions as demonstrated by a questionnaire to be completed by each student. A slide presentation with narration will be developed for an orientation program.

SB005540

Proposal for an Individualized System Approach to Teaching Automotive Engine Repair.
Project Director: Carter, R. B.
Organization: Appomattox County School Div., Va.
Funding Period: Start Date 1 Sep 76; End Date 14 May 77

The objectives of this project are to (1) evaluate the proposed individualized system approach as a teaching method in comparison with the existing method, (2) have each student enrolled in power mechanics complete the automotive engine repair course, (3) have students understand the principles upon which an internal reciprocating engine operates, and (4) have students be able to complete adjustments necessary to return the engine to manufacturer's specifications.

SB005541

A Follow-Up of Former Vocational Students from the Roanoke City Public Schools.

Project Director: Enoch, Lloyd
Organization: Roanoke City Public Schools, Va.
Funding Period: Start Date 15 Aug 76; End Date 1 Jun 77

The objectives of this project are to determine the degree of satisfaction of former vocational students regarding the knowledge and skills gained in their respective programs; determine the degree of satisfaction that employers have of these students; and compile results from the survey and disseminate it to the school, business, and voting community to be used as input in making future decisions involving vocational education.

SB005542

Follow-Up of 1975-76 High School Graduates of the Arlington Public Schools.
Project Director: Young, William
Organization: Arlington Public Schools, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 May 77

The aims of this project are to conduct and analyze a follow-up of students graduating from high school in 1976. The information obtained will be compiled for use by the school division in its future planning for vocational education and by the guidance department.

SB005543

The Development of Vocational Modules and an Evaluative Instrument at Readability Levels Which Are Comprehensible by All Students in the High School Vocational Program.
Project Director: Murray, Evelyn
Organization: Bristol Public Schools, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project seeks to provide vocational units of study which are geared to the reading level of all students in vocational areas of study. An instrument to measure achievement will be developed with readability a major goal. The results of test samples will be evaluated for validation and standardization purposes. Staff-developed modules will be used for instruction of 100 vocational students.

SB005544

Recruiting, Selecting, and Matriculating Students in Vocational Programs.
Project Director: Magruder, Joseph A., Jr.
Organization: Henry County Public Schools, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The objectives of the project are to increase initial enrollment, reduce the dropout rate, and provide guidelines and criteria for the selection of vocational students. Descriptive brochures and slide tape series will be developed. A student visitation program to vocational classes will be continued. Prevocational aptitude tests and student questionnaires will be reviewed, selected, and administered.

SB005545

Current and Projected Community Employment Opportunities and Ranked Characteristic Skills Sought in Prospective Employees.
Project Director: Atkinson, P. T.
Organization: Isle of Wight County Public Schools, Va.
Funding Period: Start Date 1 Jul 76; End Date 10 Jun 77

The aims of this project include (1) providing information to community businesses and industries regarding vocational offerings in the Division, (2) acquiring data regarding employment opportunities for high school vocational graduates, (3) determining employment sources used by community businesses and industries, and (4) receiving input pertaining to characteristics and skills sought by potential employers.

SB005546

Development of Standard Models for Performing Training (Job) Site Analysis and Conducting Directly Related Instruction in Industrial Cooperative Training Programs.
Project Director: Joyce, John
Organization: York County Public Schools, Yorktown, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project is designed to allow for the development and field testing of suggested models for performing training (Job) site analysis and conducting directly related instruction by industrial cooperative training coordinators. Implementation and field testing will occur in the following varied circumstances: new school and new program, an established program with a new coordinator, and an established program with an experienced coordinator.

SB005547

The Design, Field Testing and Implementation of a Curriculum for the Course "Introduction to Vocations" for the Middle Schools and Junior High Schools of the Commonwealth of Virginia (CACO).
Project Director: Ressler, Ralph
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 77

This project will design, field test, and implement a comprehensive career orientation course for middle schools and junior high schools. In the first year, project staff will develop a rationale for the project components, identify a body of knowledge and design the curriculum, and develop curricular material. Second and third year objectives include field testing and revising the developed curriculum materials and conducting inservice programs for prospective teachers of the course.

Fiscal Year 1977

SB005548

An Assessment of the Local Employment Opportunities for Students Completing Vocational Programs in Bath County, Virginia.
Project Director: Sullenberger, Don
Organization: Bath County Public Schools, Va.
Funding Period: Start Date 18 Jul 77; End Date 15 May 78

The purpose of this project is to increase the number of graduates who stay in the county to live and work and become contributing citizens. The project seeks to make all seventh grade students aware of local employment opportunities, make administrators aware of the vocational interests of students, and provide vocational programs and job opportunities consistent with student vocational interests.

SB005549 **VTP-2924**

Improved Articulation of the High School and Community College Programs in Business Education.
Project Director: Young, William P.
Organization: Arlington Public Schools, Va.
Funding Period: Start Date 1 Jul 77; End Date 10 Jun 78

This project is intended to establish a procedure for students to advance from the high school to the community college in a continuing program. Small group sessions will be used to develop a plan for articulation in stenography, clerk typist, and data processing preparatory programs.

SB005550 **VTP-2922**

A Comparison of the Occupational and Educational Placement Status of Graduates from the Vocational Curricula with the Occupational and Educational Placement Status of Non-Vocational Curricula Graduates.
Project Director: Chisman, A. W., Jr.
Organization: Hampton City Schools, Va.
Funding Period: Start Date 1 Jul 77; End Date 10 Jun 78

This project will provide information necessary for revising present curricula and implementing new curricula to insure that students who exit the school system have skills compatible with labor market demands or those of higher education. Data will be collected by mailed questionnaires and telephone interviews from graduates of the Hampton City Schools' class of 1977.

SB005551

Evaluation of the Relevancy of the Program of the Richmond Technical Center.
Project Director: Robins, John A.
Organization: Richmond Technical Center, Va.
Funding Period: Start Date 1 Jul 77; End Date 15 Sep 77

The objectives of this porject are to conduct a survey of the graduates to determine the students' degree of satisfaction with the training received, survey the employers of the graduates to determine their degree of satisfaction with their employees, and develop a questionnaire and procedures for conducting a program evaluation which does not require the use of school staff other than for supervision.

SB005552 VTP-2898

Assessing Employment Opportunities for Students Completing Vocational Education Programs in the Prince Edward County School Division.
Project Director: Miller, John D., Jr.
Organization: Prince Edward County Schools, Farmville, Va.
Funding Period: Start Date 1 Jul 77; End Date 10 Jun 78

This project will develop a guide to potential employers of students completing vocational and technical programs. Project objectives are to assess employment opportunities for students completing vocational programs within a fifty-mile radius of the center, determine the types and kinds of jobs available, determine potential trends in the labor market, determine the need for additional vocational and technical programs, and promote articulation between business/industry and the staff of the center.

SB005553

Operation of a Student Job Placement Service for Harrisonburg City and Rockingham County Schools.
Organization: Rockingham County Public Schools, Harrisonburg, Va.

This project will continue operation of a student job placement service. Private schools that have been notified of the opportunity to participate are Hickory Hollow, Mountain View, Oaklane, Berea Christian, Rockingham Christian, Co-Hope, Stoutamyre Special Education, Trinity Christian, and Eastern Mennonite High.

SB005554 VTP-2535

Follow-Up of 1975-76 High School Graduates of the Arlington Public Schools.
Project Director: Young, William
Organization: Arlington Public Schools, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will conduct a follow-up study of the 1975-76 high school graduates of Arlington Public Schools. Project objectives will be to (1) determine the number of graduates continuing their education in a college, university, junior college, or technical school; (2) determine the number of graduates completing a vocational program prior to graduation and leaving school with a job-entry skill; (3) determine the number of graduates with a job-entry skill who are employed in their field of training, a similar job, or a job other than that for which they were trained; and (4) determine if the skills being taught vocational students meet the needs of the employers.

SB005555 VTP-2538

Proposal for an Individualized System Approach to Teaching Automotive Engine Repair.
Project Director: Carter, Richard B.
Organization: Appomattox County Schools, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will evaluate the effectiveness of an individualized approach to teaching automotive engine repair. The course is designed to provide a trainee with skills and knowledge required for entry-level capability in the field. It is composed of individual instructional modules, each covering a specific skill area. An opinion survey will be conducted to determine student acceptance of the program. Testing devices will be used throughout the course to aid the instructor in evaluating the learning process.

SB005556 VTP-2539

Recruiting, Selecting, and Matriculating Students in Vocational Programs.
Project Director: Magruder, Joseph A., Jr.
Organization: Henry County Public Schools, Martinsville, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The goal of this project is to provide tools to recruit potentially successful students for vocational programs. Project objectives will be to increase initial enrollment, reduce the dropout rate, and provide guidelines and criteria for the selection of vocational students. Brochures and a slide tape series will be developed or modified.

SB005557 VTP-2530

Current and Projected Community Employment Opportunities and Ranked Characteristic Skills Sought in Prospective Employees.
Project Director: Atkinson, P. T.
Organization: Isle of Wight County Schools, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will provide information about community employment opportunities and the skills sought in prospective employees. Objectives include providing information to community businesses and industries regarding vocational offerings, acquiring data regarding employment opportunities available to high school graduates with vocational training, determining employment sources of community businesses and industries, and identifying characteristics and skills sought by potential employers.

SB005558 VTP-2537

A Project to Provide Student Orientation and Public Information on the Vocational Education Program in Prince Edward County.
Project Director: Mayfield, Thomas
Organization: Prince Edward County Schools, Farmville, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project will provide information to students and the public about the vocational offerings of the Prince Edward Public School System to enable students to make more realistic vocational course decisions. Activities will include development of slide presentations suitable for student and adult groups; organization, planning, and implementation of an orientation program for students in grades 7 through 11; and presentation of a program to the faculty of the elementary school to acquaint teachers with the vocational program.

SB005559 VTP-2529

Assessment of the Effect of a Vocational Awareness Media Program on Russell County 6th, 7th, and 8th Grade Students.
Project Director: Jackson, Carl
Organization: Russell County Schools, Lebanon, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project intends to provide target students with an awareness of the possible careers they might enter through Russell County's program of vocational education. The project will develop a synchronized sound/slide and videotape program of all the vocational education programs offered in the Russell County school system. This program will be shown to all students in grades 6, 7, and 8, with a pretest and posttest given to a 10 percent sample of the total target population.

SB005560 VTP-2544

Vocational Information Service: Operation VIS.
Project Director: Mays, Sue B.
Organization: Scott County Schools, Gate City, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

Project objectives will be to develop an orientation program for students in the Scott County schools concerning available vocational offerings; help guidance counselors, teachers, and administrators become more knowledgeable and informed about the total vocational education programs; and develop a public information program on the scope, needs, and plans of vocational education in Scott County.

SB005561 VTP-2532

Development of Standard Models for Performing Training (Job) Site Analysis and Conducting Directly Related Instruction in Industrial Cooperative Training Programs.
Project Director: Joyce, John
Organization: York County Schools, Yorktown, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of this project is to design and field test suggested models for performing training (job) site analysis and conducting directly related instruction by Industrial Cooperative Training (ICT) coordinators. Such models will serve to legitimate site selection for training benefits, save time in site selection, and provide an established proven procedure for new coordinators.

SB005562 VTP-2533

The Development of Vocational Modules and an Evaluative Instrument at Readability Levels Which are Comprehensible by all Students in the High School Vocational Program.
Project Director: Murray, Evelyn
Organization: Bristol City Schools, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The project will seek to provide vocational units of study which are geared to the readability levels of all students in vocational areas of study. An instrument to measure achievement will be developed with readability as a major goal. The results of test samples will be evaluated for validation and standardization purposes. The staff-developed vocational modules will be used for instruction of 100 students in a vocational English program.

SB005563 VTP-2534

A Follow-Up of Former Vocational Students from the Roanoke City Schools.
Project Director: Cavallo, Anthony J.
Organization: Roanoke City Schools, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The objectives of this study are to determine the degree of satisfaction of former students with the knowledge and skills gained from vocational education programs in the Roanoke City Public Schools, determine the degree of satisfaction that employers have with these students, create a procedure for compiling an annual follow-up report for vocational education, and use the results of the study to make the necessary adjustments in vocational programs.

SB005564 VTP-2906

Vocational and Technical Consortium of States in Virginia.
Project Director: Vogler, Daniel E.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 80

The major objective of this research is to develop the catalogs of performance objectives and criterion-referenced measures for which Virginia is responsible through the Vocational-Technical Education Consortium of States (V-TECS). This involves completing the two catalogs currently assigned, completing two additional catalogs to be assigned during Fiscal Year 1976, and initiating work on two additional catalogs to be assigned during Fiscal Year 1977.

SB005565

The Design, Field Testing and Implementation of a Curriculum for the Course "Introduction to Vocations" for the Middle Schools and Junior High Schools of the Commonwealth of Virginia.
Project Director: Clouse, James P.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 77

This project is the third phase of a three-phase effort to develop, field test, and implement a curriculum design for middle or early secondary school students to orient them to career-related school experiences. This curriculum design effort is considered a pre-exploratory experience.

Part D

Fiscal Year 1970

SB005566

A Pre-Vocational Development Program for Disadvantaged Youth in the 6th-7th Grades.
Organization: Petersburg Public Schools, Va.
Funding Period: Start Date 16 Aug 71; End Date 14 Jun 72

Funds for this project will provide for purchase of instructional materials, payment of salaries, and travel expenses.

SB005567

Industrial Education for Children in Rural Schools.
Organization: New Kent County Public Schools, Providence Forge, Va.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 73

Funding received for this project will provide for payment of salaries, purchase of equipment and instructional materials, and payment of travel expenditures.

SB005568

Vocational Insights.
Organization: Richmond County School Board, Va.
Funding Period: Start Date 1 Sep 70; End Date 30 Jun 73

The intent of this project is to help make students who drop out of school before graduation more employable and enable some potential dropouts to make the necessary adjustments to remain in school until graduation. Procedures will include field trips, orientation on job descriptions, open discussions, and practical work projects. Potential dropouts will be screened, counseled, and placed in a self-contained class.

SB005569

Pre-Vocational Program for Intermediate School Students.
Organization: Gloucester County School Board, Va.
Funding Period: Start Date 1 Sep 70; End Date 30 Jun 73

Funds allocated to this project will provide for payment of salaries, purchase of equipment and instructional materials, and travel.

SB005570

Exemplary Project for Fifth and Sixth Grades.
Organization: Bristol City Schools, Va.

Descriptive information unavailable.

Fiscal Year 1971

SB005571

A Pre-Vocational Development Program for Disadvantaged Youth in the 6th-7th Grades.
Organization: Petersburg Public Schools, Va.
Funding Period: Start Date 1 Aug 70; End Date 30 Jun 71

Funding for this project will provide for payment of salaries and travel expenses, as well as purchase of equipment and supplies.

SB005572

Industrial Education for Children in Rural Schools.
Organization: New Kent County Public Schools, Providence Forge, Va.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 73

The purpose of this program is to familiarize elementary and secondary students with the broad range of occupations for which special skills are required and the requisites for careers in such occupations. All students in grades 7-8 will be involved in an exploratory program consisting of trade and industrial education, vocational agriculture, art, music, home economics, and drama.

SB005573

Vocational Insights.
Organization: Richmond County School Board, Va.
Funding Period: Start Date 25 Aug 71; End Date 1 Jul 73

The objectives of this program are to (1) provide students with a practical education which relates to everyday life, (2) familiarize students with vocational opportunities available, (3) stimulate these students to be more interested in school by helping them see a need for education and regular school attendance, (4) place students in job-related occupations, and (5) make school relevant and prevent incidences of dropping out.

SB005574

An Exemplary Vocational Program for the Disadvantaged - Pre-Vocational Program for Intermediate School Students.

Organization: Gloucester County School Div., Va.
Funding Period: Start Date 1 Sep 70; End Date 30 Jun 73

This project will allow continuation of a program designed to curb the dropout rate and to acquaint potential dropouts with work skills which they would need to know if they did drop out before graduation, or skills which would give them motivation and desire to continue in school. In the program's community involvement phase, students will be transported to local business places for on-the-job observation.

SB005575

Exemplary Project for Fifth and Sixth Grades.
Organization: Bristol City Schools, Va.

Descriptive information unavailable.

SB005576

Vocational Guidance for Eighth and Ninth Grade Students.
Organization: Washington County School Div., Abingdon, Va.
Funding Period: Start Date 19 Jan 71; End Date 30 Jun 73

Funding for this project will provide for payment of salaries and travel expenditures and purchase of equipment and instructional materials.

SB005577

Achievement Motivation Training and Development Program for Occupational-Technical Faculty and Counselors in the Virginia Community College System.
Project Director: Lavery, John W.
Organization: Virginia State Dept. of Community Colleges, Richmond.
Funding Period: Start Date 6 May 71; End Date 9 May 71

The purpose of this project is to sponsor a workshop designed as one way of approaching the attrition problem through the participation of occupational-technical faculty and counselors in achievement motivation training and subsequently promote the implementation of such techniques in classroom situations and counseling sessions. Approximately six representatives from each of sixteen community colleges will be selected to attend the conference.

SB005578

A Central Machines Laboratory Serving Two Block-Time Programs and Incorporating Flexible Scheduling with Independent Study.
Organization: Portsmouth Public Schools, Va.

This project seeks to increase program effectiveness through flexible scheduling which will allow for large group and small group instructional arrangements and open laboratories; a central machines laboratory and resource center which will provide laboratory space and equipment for use by students enrolled in block-time programs and for use during unstructured time; and independent study facilities, where equipment, facilities, and opportunities for creative thinking and exploration will be provided.

Fiscal Year 1972

SB005579

A Central Machines Laboratory Serving Two Block-Time Programs and Incorporating Flexible Scheduling with Independent Study.
Organization: Portsmouth Public Schools, Va.

This project seeks to increase program effectiveness through flexible scheduling which will allow for large group and small group instructional arrangements and open laboratories; a central machines laboratory and resource center which will provide laboratory space and equipment for use by students enrolled in block-time programs and for use during unstructured time; and independent study facilities, where equipment, facilities, and opportunities for creative thinking and exploration will be provided.

SB005580

Teaching Occupational-Technical Students by Modular Instruction Methods in the Areas of Related Materials.
Project Director: Dixon, Joe S.
Organization: New River Community Coll., Dublin, Va.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 72

Funding for this project will provide for payment of salaries and travel expenses, as well as purchase of equipment and supplies.

SB005581

Pump Primer (Vocational/career guidance and motivation for those persons in the 18-30 year age group who are currently capable of holding entry level positions only).
Organization: Mountain Empire Community Coll., Big Stone Gap, Va.
Funding Period: Start Date 1 Mar 72; End Date 21 May 72

The purpose of this project is to hold two one-week vocation/motivation workshops in two different locations to open opportunity for vocational guidance and vocational education for thirty to fifty persons "locked" into entry-level positions by their dulled appetite for self-improvement. The project also intends to present a series of regional conferences with management executives to involve them in the development of these workshops.

SB005582

Vocational Counseling - A One-Day Seminar for Vocational Guidance Personnel for Community College and Public Schools.
Organization: Dabney S. Lancaster Community Coll., Clifton Forge, Va.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 72

The objective of this project is to encourage more public school students to remain in the classroom and enroll in vocational programs for which there is a large job market. To provide public school administrators and guidance personnel an opportunity to learn current techniques and procedures in vocational programming, a workshop will be held.

SB005583

Cafeteria Management: An In-Service Training Program for Cafeteria Managers in Public Schools and Homes for Disadvantaged Children.
Organization: Danville Community Coll., Va.
Funding Period: Start Date 13 Mar 72; End Date 26 Feb 74

The objectives of this project are to (1) improve the quality of food service in public schools and homes for disadvantaged children; (2) improve student performance in the classroom through a well-balanced, nutritional, and appealing lunch program; (3) reduce turnover among cafeteria personnel; and (4) otherwise increase operating efficiency and the ability of the cafeteria to render high quality service.

SB005584

Teaching Machinists by Use of Programmed Modular Instruction.
Organization: New River Community Coll., Dublin, Va.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

Funding for this project will provide for payment of salaries and travel expenses and purchase of instructional materials.

SB005585

Development of a Cassette Tape/Color Slide Presentation for Use in Vocational Counseling and Career Exploration for Students in Certificate Programs at Virginia Highlands Community College.
Organization: Virginia Highlands Community Coll., Abingdon, Va.
Funding Period: Start Date 1 Jun 71; End Date 31 Aug 71

Objectives of this project are to supplement vocational counseling and career exploration materials with audiovisual presentations describing the area served by the community college, allow improved employment counseling for students, and enable students to work independently in certain phases of career exploration.

SB005586

Creating a Community Consortium for Vocational Training.
Organization: Danville Community Coll., Va.
Funding Period: Start Date 1 Sep 71; End Date 30 Jun 72

The intent of this project is to develop new ways of informing high school students, parents, and counselors about the opportunities available in occupational and technical education at the community college level and develop new ways of involving the community in

the current and future vocational training programs being offered by the community college.

SB005587

Exemplary Occupational Orientation Program Phase I for 71-72; Titled "A Pre-Vocational Development Program for Disadvantaged Youth in 6th-7th Grades" in our 1970-71 Application.
Organization: Petersburg Public Schools, Va.
Funding Period: Start Date 16 Aug 71; End Date 14 Jun 72

Funds for this project will make it possible to continue the project to establish a prevocational development program for disadvantaged youth in grades 6-7. This will be Phase I of the exemplary occupational orientation program.

Fiscal Year 1973

SB005588

Student-Built House Project.
Organization: Fairfax County Public Schools, Va.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 74

Funding for this project will provide for payment of salaries and travel expenses, as well as purchase of equipment and supplies.

SB005589

Occupational Orientation Exemplary Program for Disadvantaged 6-7 Grade Students in Upper Elementary Schools.
Organization: Petersburg Public Schools, Va.
Funding Period: Start Date 14 Aug 72; End Date 12 Jun 73

Funding for this project will provide for payment of salaries and travel expenses, as well as purchase of equipment and supplies.

SB005590

Vocational Insights.
Organization: Richmond County School Board, Warsaw, Va.
Funding Period: Start Date 1 Sep 70; End Date 30 Jun 73

This project seeks to (1) familiarize disadvantaged students and potential dropouts with vocational objectives and their merits, (2) relate academic work with practical situations, (3) stimulate interest in doing better academic work, (4) develop awareness of employment opportunities, (5) involve representatives from business and industry in supplementing instruction and communicating with the students, and (6) develop student skills emphasizing the building trades cluster of occupations.

SB005591

Gloucester County Pre-Vocational Program for Intermediate School Students.
Organization: Gloucester County School Div., Va.
Funding Period: Start Date 1 Sep 70; End Date 30 Jun 73

Funding for this project will provide for payment of salaries and travel expenses, as well as purchase of equipment and supplies.

SB005592

A Central Machines Laboratory Serving Two Block-Time Programs and Incorporating Flexible Scheduling with Independent Study.
Organization: Portsmouth Public Schools, Va.

This project seeks to increase program effectiveness through flexible scheduling, a central machines laboratory and resource center, and independent study facilities. Staff will conduct a two-week workshop for curriculum development and curriculum materials development. Workshop products will be learning activity packages, tapes to correspond with already completed learning activity packages, film loops and slide and tape presentations, selected basic business units, and a model office simulation.

SB005593

Cafeteria Management: An In-Service Training Program for Cafeteria Managers in Public Schools and Homes for Disadvantaged Children.
Organization: Danville Community Coll., Va.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 73

The objectives of this project are to (1) improve the quality of food service in public schools and homes for disadvantaged children; (2) reduce employment turnover among cafeteria personnel; (3) increase operating efficiency of the cafeteria; and (4) improve student performance in the classroom by providing a well-balanced, nutritional, and appealing lunch program.

SB005594

Occupational/Technical Articulation Conference.
Organization: New River Community Coll., Dublin, Va.
Funding Period: Start Date 31 Jan 73; End Date 15 Jun 73

The purpose of this project is to hold an articulation conference to (1) establish effective communication among all educational institutions involved; (2) lay groundwork for a continuous, ongoing articulation program to help students make the transition from high school to community college to senior institution; (3) emphasize the importance of occupational-technical education to educators; and (4) inform conference participants of innovative teaching techniques at New River Community College.

SB005595

Instructional Aid to Teachers in the Development of Innovative Teaching Methods.
Organization: New River Community Coll., Dublin, Va.
Funding Period: Start Date 1 Jan 73; End Date 30 Jun 73

Objectives of this project are to develop a comprehensive program for training teachers in the methods of programmed, modular instruction; present this instruction in a totally individualized, self-paced, unitized package; and establish the acceptable standards of instructional unit preparation in regard to subject conciseness, clarity, sequence, photography, audiotapes, and special effects.

SB005596

Individualization of Mathematics for Vocational Students.
Organization: Paul D. Camp Community Coll., Franklin, Va.
Funding Period: Start Date 1 Oct 72; End Date 30 Jun 73

The purpose of this program is to combine individualization of instruction with specific occupational goals. A teacher of technical mathematics and a technical education instructor will be given release time to select or develop mathematical materials to provide students background in the following technologies: agricultural, automotive, drafting and design, electrical/electronics-engineering, electro-mechanical, and mechanical.

SB005597

Saturday Career Education Awareness Program.
Organization: Virginia Western Community Coll., Roanoke.
Funding Period: Start Date 5 Jan 73; End Date 30 Jun 73

The objective of this project is to bring the attention of high school students to career opportunities in clusters of related jobs requiring various degrees of manipulative skill and academic ability. The program intends to motivate the participating high school students to choose a career best suited to their particular interests and abilities.

Fiscal Year 1974

SB005598

Job Placement - George Wythe High School.
Organization: Richmond City School Div., Va.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

Funding for this project will provide for payment of salaries and travel expenses, as well as purchase of equipment and supplies.

SB005599

Establishment and Operation of a Student Job Placement Service.
Organization: Waynesboro City School Div., Va.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 76

Funding for this project will provide for payment of salaries, purchase of equipment, and payment of travel expenses.

SB005600

Establishment and Operation of a Student Job Placement Service at William Fleming High School.
Organization: Roanoke City Public Schools, Va.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 76

The purpose of this project is to demonstrate the feasibility of schools assuming responsibility for the placement of secondary students at every exit level and establish a systematic, effective job placement capability to serve all students in the secondary school. Procedures will include holding inservice training for placement officers and their secretaries.

SB005601 VTP-1281

Development of a Plan for the Design of a Curriculum for Introduction to Vocations for the State of Virginia.
Project Director: Sawyer, David E.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg.
Funding Period: Start Date 1 Feb 74; End Date 30 May 74

The goal of this project is to develop and present a formal plan of action for the design, field testing, and implementation of a curriculum for vocational orientation. University faculty and staff will be involved throughout the developmental activities. Visitation will be made to ongoing projects of the same type to determine their value.

SB005602

Establishment and Operation of a Student Job Placement Service.
Organization: Fairfax County Public Schools, Va.
Funding Period: Start Date 1 Jul 73; End Date 31 Jul 76

The purpose of this project is to demonstrate the feasibility of schools assuming responsibility for the placement of secondary students at every exit level and establish a systematic, effective job placement capability that will serve all students in the secondary school. A placement director will be appointed to establish a procedure whereby students may use the placement services.

SB005603

Establishment and Operation of a Student Job Placement Service.
Organization: Carroll County School Div., Hillsville, Va.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 76

Funding for this project will provide for payment of salaries and travel expenses and purchase of equipment and supplies.

SB005604

Establishment and Operation of a Student Job Placement Service.
Organization: Norfolk Public Schools, Va.

Funding for this project will provide for payment of salaries and travel expenses, as well as purchase of equipment and supplies.

SB005605

Establishment and Operation of a Student Job Placement Service.
Organization: Waynesboro City School Div., Va.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 76

Funding for this project will provide for payment of salaries, purchase of equipment, and payment of travel expenses.

SB005606

A Central Machines Laboratory Serving Two Block-Time Programs and Incorporating Flexible Scheduling with Independent Study.
Organization: Portsmouth Public Schools, Va.

This project seeks to increase program effectiveness through flexible scheduling, a central machines laboratory and resource center, and independent study facilities. Staff will conduct a two-week workshop for curriculum development and curriculum materials development. Workshop products will be learning activity packages, tapes to correspond with already completed learning activity packages, film loops and slide and tape presentations, selected basic business units, and a model office simulation.

SB005607

Student-Built House Project.
Organization: Fairfax County Public Schools, Va.
Funding Period: Start Date 1 Aug 73; End Date 30 Jun 74

The purpose of this project is to develop a training system for the building trades which will parallel the actual working conditions found in the industry. Specific objectives are to make vocational training more relevant and provide training more closely related to actual working conditions, involve all areas of vocational training, and tie vocational training more closely into the community.

Fiscal Year 1975

SB005608

Establishment and Operation of Student Job Placement.
Organization: Carroll County School Div., Hillsville, Va.

Funding for this project will provide for payment of salaries and travel expenses, as well as purchase of equipment and supplies.

SB005609

Job Placement Service - George Wythe High School.
Organization: Richmond City School Div., Va.

Funding for this project will provide for payment of salaries and travel expenses, as well as purchase of equipment and supplies.

SB005610 VTP-1414

Establishment and Operation of a Student Job Placement Service at Hampton High School.
Project Director: Williams, Kenneth E.
Organization: Hampton City Schools, Va.
Funding Period: Start Date 2 Jul 74; End Date 30 Jun 77

The goals of this project are to assist in the placement of dropouts and arrange for their continued education, place high school graduates, and place students who want part-time jobs and work training. Students will be advised at every level about continuing education opportunities. A full-time placement director will be appointed, and inservice training for placement officers will be provided.

SB005611

Establishment and Operation of a Student Job Placement Service at William Fleming High School.
Organization: Roanoke City Public Schools, Va.

Funding for this project will provide for payment of salaries and travel expenses, as well as purchase of equipment and supplies.

SB005612 VTP-1415

Establishment and Operation of a Student Job Placement Service.
Project Director: Long, J. Owen, Jr.
Organization: Rockingham County Schools, Harrisonburg, Va.
Funding Period: Start Date 1 Jul 74; End Date 1 Jul 77

The objectives of this project are to demonstrate that education can have meaning to students who are not college bound and demonstrate that by continuing contact with the student and employer, a program can bring back many early school leavers. Placement office brochures will be mailed to employers in the community and will be followed by a visit. Reference forms of students will be sent to the teachers, and students will be urged to request interviews. A follow-up study will be conducted.

SB005613

Establishment and Operation of a Student Job Placement Service.
Organization: Fairfax County Public Schools, Va.
Funding Period: Start Date 1 Jul 73; End Date 31 Jul 76

The purpose of this project is to demonstrate the feasibility of schools assuming responsibility for the placement of secondary students at every exit level and establish a systematic, effective job placement capability that will serve all students in the secondary school. A placement director will be appointed to establish a procedure whereby students may use the placement services.

SB005614

Establishment and Operation of a Student Job Placement Service - T. C. Williams High School.
Organization: Alexandria Public Schools, Va.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purpose of this project is to provide the necessary job opportunities and related information to the youth of Alexandria so they can determine their expectations, interests, and aspirations in the world of work. The program will be set up to provide free, year-round guidance service to students and will include career days, job fairs, and job clinics.

SB005615

Student Job Placement Service.
Organization: Norfolk Public School Div., Va.

Funding for this project will provide for payment of salaries and travel expenses, as well as purchase of equipment and supplies.

SB005616

Establishment and Operation of a Student Job Placement Service.
Organization: Waynesboro City School Div., Va.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 76

Funding for this project will provide for payment of salaries, purchase of equipment, and payment of travel expenses.

SB005617 VTP-1280

Delmarva Career Education Program.
Project Director: Ashby, Berkley E.
Organization: Northhampton County School Div., Eastville, Va.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 77

The purposes of this project are to plan and coordinate a job placement program and disseminate career materials to local school districts. Pertinent career materials will be developed; a procedure for evaluating and implementing the materials will be established; a list of resource speakers and curriculum materials will be developed; and school personnel will be assisted in developing planned approaches to disseminate labor market information.

Fiscal Year 1976

SB005618

Implementing Instructional Programs in Vocational Education Based on Performance Objectives and Criterion-Referenced Measures.
Organization: Greensville County Schools, Emporia, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 79

The purpose of this project is to assist teachers in implementing performance-based curricula and improve the teaching methods and techniques employed. Specific objectives will include providing the basic learning resources needed by teachers in implementing the V-TECS catalogs and providing technical assistance to teachers in incorporating the catalogs into existing instructional programs.

SB005619

Implementing Instructional Programs in Vocational Education Based on Performance Objectives and Criterion-Referenced Measures.
Organization: Hampton City Schools, Va.
Funding Period: Start Date 1 Sep 76; End Date 30 Jun 79

The objective of this project is to assist teachers in implementing performance-based curricula and improve the teaching methods used for secretarial, stenographic, typewriting, and related occupations. Inservice training will be conducted by qualified vocational teacher educators from an area college or university.

SB005620

Review and Synthesis of Virginia Model School Programs for Potential Early School Leavers.
Project Director: Ramey, Walter S.
Organization: Virginia Commonwealth Univ., Richmond.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of this project is to identify the strengths of ongoing programs for potential early school leavers and determine which strengths can be used as the critera for synthesizing a model program for use by all school divisions. This information will be disseminated state-wide.

SB005621

Evaluating the Vocational Education Program of Prince William County School Divison by Use of a Visitation Team.
Project Director: Clark, Kent
Organization: Prince William County School Board, Manassas, Va.
Funding Period: Start Date 1 Jul 76; End Date 31 Dec 76

The objective of this project is to assist the school division in conducting an onsite evaluation of the vocational education program. The project will encourage the use of a visitation team and provide technical assistance to the team and the school division.

SB005622

Implementation and Usage of Work Ethics Curriculum Materials and Instruction.
Organization: Rockingham County Public Schools, Harrisonburg, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The objectives of this project are to assist local vocational directors in coordinating efforts to stimulate implementation of work ethics instruction for secondary students; equip vocational teachers with the skills, knowledge, and attitudes necessary to emphasize positive work ethics; and make vocational teachers aware of instructional materials and teaching techniques for enhancing work attitude adjustment.

SB005623

Implementation and Usage of Work Ethics Curriculum Materials and Instruction.
Organization: Richmond City Public Schools, Va.
Funding Period: Start Date 15 Aug 76; End Date 30 Jun 77

The objectives of this project are to assist local vocational directors in coordinating efforts to stimulate implementation of work ethics instruction for secondary students; equip vocational teachers with the skills, knowledge, and attitudes necessary to emphasize positive work ethics; and make vocational teachers aware of instructional materials and teaching techniques to enhance work attitude adjustment.

SB005624

The Implementation and Evaluation of a Locally Developed and Funded Career Orientation Program for the Middle Schools of Danville, Virginia.
Project Director: Lewis, Jack R., Jr.
Organization: Danville Public Schools, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of this project is to implement and evaluate a career orientation program for students in middle schools (grades 5-7). The project design will be experimental, and the use of both descriptive and inferential statistics is anticipated as part of the evaluation technique.

SB005625

Alternatives to Contemporary Exploratory Programs.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg.
Funding Period: Start Date 1 Sep 76; End Date 1 Jan 77

The objectives of this project are to (1) clarify objectives of the exploratory program in vocational education, (2) gather data describing existing exploratory programs and alternate education experience, (3) complete a status study of such programs for state use, and (4) suggest alternatives for future development of the exploratory program in Virginia.

SB005626

Student Job Placement Service.

Project Director: Swann, John
Organization: E. C. Glass High School, Lynchburg, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

Funding for this project will provide for payment of salaries and travel expenses, as well as purchase of equipment and supplies.

SB005627

Operation of a Student Job Placement Service for Harrisonburg City and Rockingham County Schools.,
Organization: Harrisonburg City School Div., Va.
Funding Period: Start Date 15 Jun 76; End Date 30 Jun 77

The purpose of this project is to operate a job placement service for students in Harrisonburg City and Rockingham County Schools. Funding for this project will provide for purchase of equipment and supplies, as well as payment of salaries and travel expenses.

SB005628

Instructional Materials and Procedural Guide for Vocational Education in Virginia.
Project Director: Elson, Donald E.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg.
Funding Period: Start Date 1 Jul 76; End Date 10 Jun 77

To objectives of this project are to print up to thirty Vocational-Technical Education Consortium of States (V-TECS) catalogs of performance objectives, criterion-referenced measures, and performance guides applicable to Virginia vocational education programs; print the student job placement service guide; and distribute the catalogs and guide to vocational educators and school divisions in the state.

SB005629

Job Placement Service.
Organization: Arlington County Schools, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of this project is to extend the services of the present exemplary job placement program for Washington-Lee High School to all Arlington secondary schools. Specific objectives include using and coordinating existing educational resources and identifying the necessary changes in the schools' curricula in accordance with employer needs and information obtained through student follow-up studies.

SB005630

Delmarva Career Education Program.
Project Director: Ashby, Berkley E.
Organization: Northhampton County School Div., Eastville, Va.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 77

The purposes of this project are to plan and coordinate a job placement program and disseminate career materials to local school districts. Pertinent career materials will be developed; a procedure for evaluating and implementing the materials will be established; a list of resource speakers and curriculum materials will be developed; and school personnel will be assisted in developing planned approaches for the dissemination of the information.

SB005631

Establishment and Operation of a Student Job Placement Service - T. C. Williams High School.
Organization: Alexandria Public Schools, Va.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purpose of this projct is to provide the necessary job opportunities and related information to the youth of Alexandria so they can determine their expectations, interests, and aspirations in the world of work. The program will be set up to provide free, year-round guidance service to students and will include career days, job fairs, and job clinics.

SB005632

Student Job Placement Service.
Organization: Hampton City School Div., Va.
Funding Period: Start Date 2 Jul 74; End Date 30 Jun 77

The purpose of this project is to modify an existing employment counseling and placement service by using to the fullest the experience of the present job placement coordinator and meeting the needs or employment counseling and placement services in each of five senior high schools. The present coordinator and secretary will move to a central office and coordinate the placement service.

Fiscal Year 1977

SB005633 **VTP-2907**

V-TECS and VEMS Materials.
Project Director: Vogler, Daniel E.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg.
Funding Period: Start Date 1 Jul 77; End Date 30 Jun 78

The objectives of this project are to print twenty V-TECS catalogs of performance objectives, criterion-referenced measures, and performance guides which are applicable to Virginia vocational education programs; identify and obtain copies of competency-based instructional materials for possible use in Virginia; print user's manuals, procedural guides, and reports which support the management information system in Virginia; and distribute all printed materials to designated vocational educators.

SB005634 **VTP-2925**

A Plan to Produce and Distribute an Instructional Package for Teaching the Concepts of Competency-Based Instruction in Business Education Pre-Service Teacher Education Programs.
Project Director: Fields, Owen F.
Organization: Virginia Commonwealth Univ., Richmond.
Funding Period: Start Date 1 Sep 77; End Date 1 Jul 80

This project will develop and distribute preservice instructional packages for competency-based instruction training in business education. Twelve Virginia education institutions which are preparing prospective business education teachers will receive instructional packages that may be used in teaching concepts and implementing competency-based instruction in business education.

SB005635

Delmarva Career Education Program.
Project Director: Ashby, Berkley
Organization: Northhampton County School Div., Eastville, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

Funding will be used to provide support personnel and materials for this project.

SB005636

Student Job Placement Service.
Project Director: Harper, Robert M.
Organization: Alexandria City Schools, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

Funding will be used for continuation of this project.

SB005637 **VTP-2634**

Alternatives to Contemporary Exploratory Programs.
Project Director: Clouse, James P.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg.
Funding Period: Start Date 1 Sep 76; End Date 1 Jan 77

The objectives of this project are to clarify the objectives of the exploratory program at the middle/junior high school level, gather descriptive information of existing exploratory programs and alternate educational experiences addressed to these objectives, produce a status study of such programs for state use, and offer suggested alternatives to the exploratory programs in vocational education.

SB005638 **VTP-2635**

The Implementation and Evaluation of a Locally Developed and Funded Career Orientation Program for the Middle Schools of Danville, Virginia (Continuation).
Project Director: Lewis, Jack R., Jr.
Organization: Danville Public Schools, Va.
Funding Period: Start Date 1 Jul 76; End Date 30 May 77

This project will implement and evaluate a career orientation program for grades 5, 6, and 7 in the four middle schools. The program as developed will infuse career education with the social studies, math, science, and health curriculum. A control group will be utilized

in each school at each grade level, and the evaluation methodology will include the use of both descriptive and inferential statistics.

SB005639 **VTP-2536**

Instructional Materials and Procedural Guide for Vocational Education in Virginia.
Project Director: Elson, Donald E.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg.
Funding Period: Start Date 1 Jul 76; End Date 10 Jun 77

The objectives of the project are to print in sufficient quantity the Student Job Placement Service Guide and up to thirty Vocational-Technical Education Consortium of States catalogs of performance objectives, criterion-referenced measures, and performance guides which are applicable to Virginia vocational education programs and distribute the catalogs and guide to vocational educators and school divisions.

WASHINGTON

Part C

Fiscal Year 1971

SB005640 **VTP-337**

Occupational Awareness Programs: A Survey.
Project Director: Matzen, Richard
Organization: Olympia School District, Wash.
Funding Period: Start Date 14 Jul 71; End Date 13 Aug 71

After establishing a consistent definition of occupational awareness programs, the project will prepare abstracts on significant instate and out-of-state programs. A questionnaire will be distributed to determine the status of state occupational awareness programs in elementary and junior high schools.

SB005641 **VTP-338**

Industrial Arts Curriculum Comparisons.
Project Director: Matzen, Richard
Organization: Olympia School District, Wash.
Funding Period: Start Date 2 Sep 71; End Date 30 Jun 72

The purpose of the project is to measure the effect of the World of Construction Program on student cognitive, psychomotor, and affective behavior and measure attitudinal change in students and parents toward industrial arts. The program will be initiated in two classes divided into experimental and control groups. Attitudinal pre and posttests and an objective content test will be developed and administered to the groups.

SB005642 **VTP-340**

Vocational Choice Assessment.
Project Director: Schmidt, Roy
Organization: Renton Vocational-Technical Inst., Wash.
Funding Period: Start Date 1 Jun 71; End Date 15 Jun 72

The purpose of the project is to develop a practical vocational assessment approach to assist high school and vocational technical institute students who have vocational choice problems. Working with 100 students, test technicians will administer the General Aptitude Test Battery, the Worker Trait Audit, and the Vocational Exploration Picture Inventory. Certified counselors will conduct group and individual sessions.

SB005643 **VTP-339**

Simulated Office Practice Program and Materials Development.
Project Director: Krug, Jon V.
Organization: Aberdeen School District 5, Wash.
Funding Period: Start Date 1 Jun 71; End Date 10 Sep 71

The objectives of this project are to develop, produce, and use simulated office practice instructional methods and materials in five school districts. The project will include reviewing current research, adapting simulation research materials to functional programs at the secondary level, providing inservice workshop opportunities, and adapting simulation materials and structure to instructional programs.

SB005644 **VTP-341**

Vocational Environmental Horticulture Development Program.
Project Director: Jordan, Jim
Organization: Reardan School District 260, Wash.
Funding Period: Start Date 7 Apr 71; End Date 13 Aug 71

This project will develop new horticulture courses or programs to increase the agribusiness aspect of the vocational agriculture program and fill the community needs for workers in nurseries, greenhouses, parks, and related jobs. The project plans to work closely with prospective student employers, consultants, and other resource people. Evaluation will be a constant and integral part of the program.

SB005645 **VTP-342**

Lake Stevens VIEW Project.
Project Director: Larson, Bob
Organization: Lake Stevens School District 4, Wash.
Funding Period: Start Date 21 Jun 71; End Date 30 Jun 72

To make occupational information readily available to students and aid in career counseling, this project will develop a local VIEW deck. The local advisory council will choose 300 occupations out of the Yakima's VIEW deck and research and contact business for local information.

SB005646 **VTP-310**

Operation Motivation: A Vocational-Technical Education Bridge to the 70's.
Project Director: Prairie, Harold
Organization: Pasco School District 1, Wash.
Funding Period: Start Date 30 Jun 71; End Date 15 Jun 72

By re-evaluating Operation Motivation, an existing dropout prevention program for the sociologically, economically and educationally disadvantaged high school student, this project will study ways to make the curriculum more flexible and personalized and articulate and define work-study internships and vocationally related subjects.

SB005647 **VTP-336**

Compare Effectiveness of Two Different Patterns of Supervision of Student Teachers.
Project Director: Roberts, Jane
Organization: Western Washington State Coll., Bellingham.
Funding Period: Start Date 30 Jun 71; End Date 30 Jun 72

This pilot project will compare the effectiveness of student teaching supervision and determine if a relationship exists between self-actualization and the perceived effectiveness of supervision. The Personal Orientation Inventory will be administered to all participants. Using experimental and control groups, student teachers will be subgrouped according to low or high self-actualization and supervised either in the traditional pattern or solely by the cooperating teacher.

SB005648 **VTP-317**

Feasibility Study to Determine Need For Wildlife Conservation and Outdoor Recreation Programs.
Project Director: Fisher, George
Organization: Selkirk School District, Ione, Wash.
Funding Period: Start Date 15 May 71; End Date 30 Jun 72

The Selkirk School District will be studied as a feasible location for offering a vocational instructional program in wildlife conservation and outdoor recreation. The study will include visits to various state and national parks, recreation departments, and educational institutions to determine their contribution to the program. Project staff will determine specific career opportunities available to the students and how these opportunities would provide economic resources to the community.

SB005649 VTP-316

Career Development/High School Completion Program for Adults.
Project Director: Falk, Richard
Organization: Tacoma Community Coll., Wash.
Funding Period: Start Date 15 Jun 71; End Date 30 Jun 72

By developing a model program of independent study, programmed instructional materials, and individualized testing, this project will develop an adult career development and high school completion program designed to upgrade employability. The program will provide individualized instruction and career counseling for adults working toward a high school diploma, allowing credit for work and other evaluated learning and skills experiences.

SB005650 VTP-315

Curriculum Development of Communication Skills Courses.
Project Director: McSpaden, Corlene H.
Organization: Seattle Community Coll., Wash.
Funding Period: Start Date 30 Jun 71; End Date 30 Jul 71

To ensure that students are prepared to meet on-the-job communication requirements, the project will develop instructional materials to identify and correct communication problems. Included in these materials are course outlines, curriculum guides, supplementary materials, and diagnostic tests. Pre and posttests for two communication skills courses will be developed.

SB005651 VTP-314

Cooperative Research on Vocational Education and Professional Updating in Careers Education and Management Effectiveness.
Project Director: Marum, Robert J.
Organization: Washington State Intermediate School District 110, Seattle.
Funding Period: Start Date 15 Jun 71; End Date 1 Jun 72

The objectives of this project include providing elementary and secondary guidance and counseling for career choices, providing skill training and technical education at the secondary and postsecondary levels, and providing adult retraining opportunities. A workshop will be conducted to provide necessary information, materials, and opportunities to meet vocational education resource people and identify district needs.

SB005652 VTP-312

Survival Training For Young Adults.
Project Director: Elder, Bea
Organization: Franklin Pierce School District 402, Tacoma, Wash.
Funding Period: Start Date 30 Jun 71; End Date 30 Jun 72

By using a questionnaire and follow-up interviews, the project seeks to clarify the actual needs and interests of home and family life students, aid in planning a more relevant curriculum, and determine the existance of a need and the curriculum for a structured class for young adults facing the challenges of the adult role.

SB005653 VTP-332

Continuation of the NEVAC Study.
Project Director: Marum, Robert
Organization: intermediate School District 110, Seattle, Wash.
Funding Period: Start Date 15 Jun 71; End Date 1 Jul 72

This project is a continuation of a study designed to assess the present occupational education offerings and determine the occupational education needs not being met. This second major phase will develop programs to meet the occupational needs of the future.

SB005654 VTP-313

Student-Produced Vocational Film Production.
Project Director: Lowe, Lee
Organization: Mercer Island Public Schools, Wash.
Funding Period: Start Date 1 Jun 71; End Date 30 Jun 71

To get students actively concerned about vocations, this project will produce a vocational pilot film for distribution in the Northeast Vocational Association Schools. The students will select the occupation to be filmed, write the script, and film the eleven-minute sound and color presentation.

SB005655 VTP-311

Vocational Orientation of High School Students to College Vocational Programs.
Project Director: Werner, Joseph
Organization: Green River Community Coll., Auburn, Wash.
Funding Period: Start Date 15 Jun 71; End Date 30 Jun 72

To extend vocational education in selected areas to the Maple Valley community, the project will transport fifteen to twenty high school seniors to the Green River Campus for career guidance seminars and hands-on exposure to five areas of the college's trade division. The program will include daily one-hour seminars on vocational career possibilities and five two-week orientation courses in each trade area.

SB005656 VTP-333

Project GIVE.
Project Director: Straka, Tom
Organization: Kent Public Schools, Wash.
Funding Period: Start Date 14 May 71; End Date 1 Sep 71

The objectives of this project are to develop a vocational guidance program for grades K-6; develop an inservice education program for counselors, teachers, and administrators; and identify and develop materials for use in a pilot program appropriate to this age level. The project will establish an action research base, behavior objectives, strategy, and teaching materials; train staff; and implement the pilot program.

SB005657 VTP-334

Vocational Leadership Development Through National Interaction.
Project Director: Wilson, John
Organization: Perry Inst., Yakima, Wash.
Funding Period: Start Date 30 Jun 71; End Date 30 Jun 72

The objective of this project is to develop an inservice administrators' training program. The program will allow local vocational administrators and directors to meet with local and out-of-state authorities of similar programs and discuss and interchange ideas on objectives, problem areas, and program development. Workshop participants will evaluate the timeliness and personal benefits of the program and their use of new concepts and approaches.

SB005658 VTP-335

A Local District Planning Grant.
Project Director: Evans, Janet
Organization: Rosalia School District, Wash.
Funding Period: Start Date 1 Apr 71; End Date 1 Jun 71

Through the use of similar questionnaires distributed both to the business community and high school students, this study will determine the extent of need, process, and possible outcomes of a community and school work experience project. The project will identify community participants willing to provide training and those students who have low aspirations and who are underachievers and have records of truancy.

SB005659 VTP-309

A Local District Planning Grant.
Project Director: Evans, Janet
Organization: Palouse School District 301, Wash.
Funding Period: Start Date 1 Apr 71; End Date 1 Jun 71

Through the use of similar questionnaires distributed both to the business community and high school students, this study will determine the extent of need, process, and possible outcomes of a community and school work experience project. The project will identify community participants willing to provide training and those students who have low aspirations and who are underachievers and have records of truancy.

SB005660 VTP-327

A Cooperative Inter-District Vocational Study.
Project Director: Morris, Roger
Organization: Woodland School District 404, Wash.
Funding Period: Start Date 1 Apr 71; End Date 15 Dec 71

The purposes of this project are to determine the present and future vocational training needs of the area, establish and coordinate use of present staff and facilities, and set into action an interdistrict voca-

tional plan that is economically feasible. Reports of findings and recommendations will be made to participating districts, industries, and agencies.

SB005661 VTP-328

Centralized Book Depository.
Project Director: Lombardi, George
Organization: Yakima School District 7, Wash.
Funding Period: Start Date 30 Jun 71; End Date 15 Jun 72

To provide realistic occupational skills for handicapped students, this pilot project will develop a centralized book depository. The project will offer successful work experiences including warehousing techniques and principles, inventory procedures, shipping and receiving techniques, maintenance and repair of used books, and proper disposal methods of obsolete merchandise.

SB005662 VTP-329

A Local District Planning Grant.
Project Director: Pickett, Tom
Organization: Eastmont School District 206, East Wenatchee, Wash.
Funding Period: Start Date 15 Jun 71; End Date 1 Aug 71

This project intends to improve and expedite the formation of a K-12 concept of vocational education. The director of vocational education and elementary and secondary school representatives will study current K-12 curriculum, survey local community needs, consider state-wide needs, and set up possible K-12 vocational articulation.

SB005663 VTP-330

The Pygmalion Project.
Project Director: Boyden, Robert
Organization: Olympia Vocational-Technical Inst., Wash.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

By changing the physical appearance, attitude, and actions of economically and culturally deprived persons, the Pygmalion Project proposes to enhance the self-image and self-confidence of these persons and interest potential employers. The program will select ten or twelve lower class men and women and direct its efforts toward changing various physical and social defects in an effort to overcome employer biases.

SB005664 VTP-331

Work Incentives for Youth.
Project Director: Marcolin, Felix
Organization: Grand Coulee Dam School District 301J, Wash.
Funding Period: Start Date 30 Jun 71; End Date 30 Jun 72

This project seeks to implement vocational programs in home and family life education, auto mechanics, nurses aide, and either distributive education or business and office education. This objective will be accomplished by researching and developing these programs to meet the needs of the community and by preparing the classrooms, community organizations, and students for program implementation.

SB005665 VTP-320

Program Development For Service and Repair of Recreational Equipment and Appliances.
Project Director: Huston, Fred
Organization: Big Bend Community Coll., Moses Lake, Wash.
Funding Period: Start Date 22 Jun 71; End Date 1 Mar 72

The purpose of the project is to determine the need, content, and student potential for the development of a cluster of courses to train service and repairmen for recreational and small utility equipment and appliance repair. This project will survey related industries for the number of trained personnel that could be employed; determine the number of potential students and specialized skills, facilities, and funding required for instruction; and consider student recruitment and development of placement opportunities.

SB005666 VTP-319

Feasibility of School-Industry Cooperation.
Project Director: Hoffman, Allen
Organization: Washington State Intermediate School District 112, Vancouver.
Funding Period: Start Date 1 May 71; End Date 1 Sep 71

To determine whether industrial and public agencies resources and personnel could be utilized to a greater extent, this project will research the possibility of cooperation between community resources and schools, and between districts. A survey will be conducted, and a feasibility report including recommendations for implementation of programs will be submitted to the schools and involved industries and public agencies.

SB005667 VTP-318

Early Transfer of Secondary Academic Students to Post-Secondary Vocational Programs.
Project Director: Wilson, John
Organization: J. M. Perry Inst., Yakima, Wash.
Funding Period: Start Date 1 Mar 71; End Date 31 Oct 71

This project will assist disadvantaged high school students to move into postsecondary education. Students of high ability but low motivation and performance levels who can pass the J. M. Perry Institute entrance examinations will be placed in the institute. If these students then show satisfactory progress in their postsecondary studies and also complete their high school courses by arrangement with their instructor, they will graduate with their high school class.

SB005668 VTP-201

Interdistrict Vocational Guidance Program for Disadvantaged Children (1-8).
Project Director: Hartl, David
Organization: Arlington School District 16, Wash.
Funding Period: Start Date 7 Jun 71; End Date 30 Jun 72

To increase the occupational awareness and aspirations of disadvantaged elementary children eight teams will develop a relevant academic curricula integrated with vocational guidance and counseling and train teachers in their respective schools. An interdistrict vocational guidance program for disadvantaged children, grades 1-8, will be developed by the teams who have received intensive workshop training.

SB005669 VTP-200

A Planning Study for a Vocational Education Complex for Lake Washington School District.
Organization: Lake Washington School District 414, Kirkland, Wash.
Funding Period: Start Date 30 Jun 71; End Date 30 Jun 72

By studying the needs and goals of students, parents, business, and the community, the project will determine the best use of allocations granted for a vocational and technical school. The procedures include employing personnel, establishing an advisory committee to facilitate communication between school districts, developing a teaching program of entry level skills as well as rehabilitation and retraining, and providing full-time counseling services.

SB005670 VTP-321

NEVAC (Northeast Vocational Advisory Council).
Project Director: Marum, Robert J.
Organization: Washington State Intermediate School District 110, Seattle.
Funding Period: Start Date 21 Sep 70; End Date 20 Jan 71

This NEVAC project will determine the kinds of K-12 occupational education programs wanted and needed by students, parents, community, and local business and industries in terms of present and future employment opportunities. By determining what occupational education is being offered and what needs are not being met, alternatives can be developed and presented for implementation.

SB005671 VTP-199

Consortium Vocational-Educational Programs Film.
Project Director: Johnson, Wayne
Organization: Puget Sound Regional Minority Affairs Consortium, Wash.
Funding Period: Start Date 1 Jun 71; End Date 30 Jun 72

The objectives of this project include revitalizing vocational education curriculum, reshaping the perceptions counselors and teachers hold of vocational education courses, and supporting the goals and objectives of the current state plan. A film will be produced and a

questionnaire designed; both will be administered to a random sample population on two college campuses. A workshop, "The Image of Vocational Education on Minorities," will be held.

SB005672 VTP-198

Pilot Project for Auto-Diesel Apprentice Programmed Tutorial System.
Project Director: Devin, Carl G.
Organization: Lower Columbia Coll., Longview, Wash.
Funding Period: Start Date 21 Jun 71; End Date 30 Jun 72

Designed to utilize the college's automotive mechanics and auto body facilities on an evening basis, this pilot project will change the auto mechanics, body repairman, and diesel heavy duty apprentice programs from the current study guide system to a programmed tutorial system and implement the changes. The present instructional staff will work with a special consultant to study the current materials, write the programmed tutorial units, and evaluate and publish the result.

SB005673 VTP-225

An Application of Observational Learning Procedures to the Modification of Educational Plans and Vocational Aspirations of Potential High School Dropouts.
Project Director: Harris, Gloria G.
Organization: Washington Univ., Seattle.
Funding Period: Start Date 1 Sep 71; End Date 1 Mar 72

This project will measure the success of a series of vocational modeling sessions in modifying the levels of vocational aspiration and the educational plans of potential high school dropouts. Seventy-two males from an inner city high school will be randomly assigned to one of three groups. One group will receive no treatment; the other two will observe either a live or filmed role model. Models will be adult minority group members in semiskilled or paraprofessional vocations.

SB005674 VTP-223

Occupational Education Mobile Information Center.
Project Director: Evans, William
Organization: Columbia Basin Coll., Pasco, Wash.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

Designed to reach underemployed, unemployed, and dropout students and to overcome their educational barriers, this mobile occupational center will provide a multimedia information service and the services of an occupational information specialist or job counselor. Onsite testing to determine aptitudes and educational counseling will be provided. Scheduled visits will be made to schools, rural areas, neighborhoods, and community centers.

SB005675 VTP-224

Vocational Guidance in the Elementary School.
Project Director: Cox, William
Organization: Highline School District, Seattle, Wash.
Funding Period: Start Date 15 Jun 71; End Date 15 Jun 72

By developing a systematic approach for presenting vocational experiences and information, this project proposes to change children's perceptions of occupations. In developing instructional materials related to current school curriculum, appropriate occupational clusters will be selected, and evaluative instruments and learning activities will be created and measured. At least one package will be prepared and implemented at each grade level, K-6.

SB005676 VTP-222

Community College Program Evaluation Through Student Follow-Up.
Project Director: Coddington, Charles W.
Organization: Centralia Coll., Wash.
Funding Period: Start Date 1 Jun 71; End Date 30 Jun 72

To enhance program evaluation, the purposes of this follow-up study are to develop a questionnaire to supply data and use educational program output and former students' performance and opinion as sources of evaluation data. A revised questionnaire including specific statistical tests will be addressed to a sample of 5,000 former students from Community College District 12 and Seattle Central Community College.

SB005677 VTP-221

A Study to Determine the Educational and Training Needs of Residents at the Washington Corrections Center, Shelton, Wash.
Project Director: Carlton, Duane K.
Organization: Olympic Coll, Bremerton, Wash.
Funding Period: Start Date 14 Jun 71; End Date 31 Aug 71

Reaching conclusions and developing concepts as to the kinds of occupational and related educational programs which would be relevant for incarcerated individuals is the purpose of this project. A full-time consultant will study the needs of the center's residents; study other institutions' programs; and consult with local agencies, existing advisory committees, and state agencies. The results of the study will be made available to appropriate state agencies and institutions, and a final report will be prepared.

SB005678 VTP-202

Mini-Units Common to Various Occupational Business Programs.
Project Director: Tyra, Anita I.
Organization: Bellevue Community Coll., Wash.
Funding Period: Start Date 16 Jun 71; End Date 30 Jun 72

Designed to improve individualization and flexibility, the project will develop self-contained, instructional mini-units to teach a skill or a series of concepts. Each mini-unit will include a pretest, a set of behaviorial objectives, and a posttest. Mini-unit development will involve isolating suitable mini-units; delineating the scope and content; and testing, evaluating, revising, and disseminating individual units.

SB005679 VTP-226

In-Service Workshop for Teachers of Youth With Special Needs.
Project Director: Daniels, William E.
Organization: Eastern Washington State Coll., Cheney.
Funding Period: Start Date 15 Apr 71; End Date 20 Jun 72

To develop the quantity and capabilities of elementary and secondary teachers in diagnosing and prescribing solutions to meet the vocational needs of youth with special problems, this workshop is designed for persons identified as successful directors or teachers of exemplary special needs programs. Vocational education programs of workshop participants will be reviewed, common problems cited and solutions prescribed, and success and commonalities of curricula and programs determined for dissemination.

SB005680 VTP-227

Audio-Tutorial Minicourses of Anatomy and Physiology for Students in Health Occupations.
Project Director: Patton, Stanley R.
Organization: Shoreline Community Coll., Seattle, Wash.
Funding Period: Start Date 15 Jun 71; End Date 15 Jun 72

The objective of this project is to develop an innovative instructional method to be made available to all students learning human anatomy and physiology. The minicourses include "Introduction to the Body," "Basis of Structure and Function," "Tissues," "Advanced Tissue Histology and Techniques," "Body Fluids and Their Regulation," and "The Body as a Whole."

SB005681

Information Retrieval System.
Organization: Washington Office of the State Superintendent of Public Instruction, Olympia.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 034-71-2

Funds for this project will cover the costs incurred for the use of the automated information retrieval services provided by the Northern Colorado Educational Board of Cooperative Services. The products and services available from the Information Retrieval Center include the Pre-Processed Information Package covering current, popular education topics; a Catalog of Suggested Subjects; Current Awareness of Information Service; and the Individualized Information Search.

SB005682

Professional Management Development Program for Educational Administrators

Project Director: Kramer, Ernest
Organization: Coordinating Council for Occupational Education, Olympia, Wash.
Funding Period: Start Date 1 Jan 71; End Date 30 Dec 71

The purposes of this project are to research, design, develop, and offer a comprehensive professional management development program to train educational administrative and management personnel to be better managers. Procedures include selecting a management development program from private industry and modifying it to educational application; field testing and revising this program for local application; and conducting educational management action research workshops for state, local, and community college educational administrators.

Fiscal Year 1972

SB005683

Feasibility of Student Operated Business to Increase Number of On-The-Job Training Stations in Camas, Washington–Pilot Program.
Project Director: Richards, Frank
Organization: Camas Public Schools, Wash.
Funding Period: Start Date 3 Apr 72; End Date 15 Sep 72

The objective of this project is to establish a community student-operated business to expand the diversified occupations program to include three or more on-the-job training stations. Students will set up and direct the operation of a small bicycle repair business supervised by local businessmen and the diversified occupations coordinators.

SB005684

Workshop on Career Awareness for Elementary Teachers in Intermediate School District 106.
Project Director: Griffith, Robert R.
Organization: Cashmere School District 222, Wash.
Funding Period: Start Date 1 Jun 72; End Date 31 Aug 72

Through multimedia inservice activities, this project proposes to provide career awareness information and materials to sixty-five elementary educators from fifteen school districts and initiate career awareness programs in schools of eight to twelve participating school districts. The two-week workshop will be devoted to understanding career awareness principles, program planning, and development of instructional units for use in schools.

SB005685

Co-operative Work Program for Handicapped Library Technical Aides.
Project Director: Bumgardner, Helen A.
Organization: Clover Park Vocational-Technical School, Lakewood Center, Wash.
Funding Period: Start Date 3 Apr 72; End Date 9 Jun 72

The objective of this project is to promote the employment capabilities of handicapped students through a supervised work experience in a sheltered workshop. Students who have graduated from library technical aide training and have a physical, mental, or socio-economic handicap will be employed on campus, under the supervision of a trained library staff person, to perform technical processes needed by cooperating libraries.

SB005686

Individualized Instruction for Specific Business and Office D.O.T.
Organization: DeKater High School/Federal Way Public School, Wash.

Descriptive information unavailable.

SB005687

BETTER (Business Education for Teachers Through Efficient Use of Resources).
Project Director: Nicholson, Athyleen
Organization: Fort Steilacoom Community Coll., Tacoma, Wash.
Funding Period: Start Date 1 Jun 72; End Date 30 Sep 72

The objectives of this project are to research, plan, and organize a consortium for business teacher education. Using the educational programs, facilities, and courses of the consortium institutions, one comprehensive business teacher education program will be designed to include methods and teaching internships for undergraduate students, graduate courses and professional workshops for secondary and postsecondary faculty, and noncredit study for the general public.

SB005688

Utilizing Community Resources - Cooperative Lay Counseling Program.
Project Director: Hagenau, E. L.
Organization: Fort Steilacoom Community Coll., Tacoma, Wash.
Funding Period: Start Date 1 Jun 72; End Date 30 Jun 73

This project proposes to establish a Lay-Counseling Program in the Tacoma-Fort Steilacoom Community College area using fifty to 100 area businessmen as career counselors. The project will develop the procedures and instruments necessary to solicit the support of area businessmen for a one-to-one counseling project.

SB005689

Elementary Occupational Awareness: A VIEW Deck Study.
Project Director: Holmes, John W.
Organization: Washington State Intermediate School District 114, Port Townsend.
Funding Period: Start Date 1 Sep 72; End Date 31 Dec 72

The purpose of this project is to compare the job information gained by fifth and sixth grade students using VIEW Decks to that of students participating in field trips. The project will also measure the effectiveness of a recently developed Elementary VIEW Deck considering student occupational awareness and geographical differences. Pre and posttests will be administered to the students to collect the evaluative data.

SB005690

Community Conference for Occupational Education.
Organization: Kennewick School District 17, Wash.

Descriptive information unavailable.

SB005691

Inter-Disciplinary Health-Medical Services Vocational Training.
Project Director: Sheeley, Louise
Organization: Lake Washington School District 414, Kirkland, Wash.
Funding Period: Start Date 1 Jun 72; End Date 30 Sep 72

The objective of this project is to add a Health-Medical Services vocational training curriculum to the vocational offerings. Procedures include researching other programs of similar concept, establishing outlets for teacher orientation in on-the-job experience, building curriculum with team approach, and procuring student placement outlets.

SB005692

Coordinated Occupational Education - Grades 7 and 8.
Project Director: Hayden, Patrick T.
Organization: Mount Vernon School District 320, Wash.
Funding Period: Start Date 1 Jun 72; End Date 30 Jun 72

The goal of this project is to adapt Highline's "Occupational Versatility" project ot the eighth grade at LaVenture School. The project will conduct inservice and program design activities in the development of the occupational awareness stations. These stations will provide the materials, supplies, and instructions for use in increasing student knowledge of a minimum of fifteen occupational fields.

SB005693

World of Work–Greenhouse Operations.
Organization: Peninsula School District 401, Wash.

Descriptive information unavailable.

SB005694

Workshop in Research and Career Education.
Project Director: Marum, Robert J.
Organization: Puget Sound Educational Research Council, Seattle, Wash.

Funding Period: Start Date 3 Mar 72; End Date 30 Jun 72

To help facilitate the inclusion of career education components in the curricula of local educational agencies, this project will increase the knowledge of educational researchers in the status of and need for career education. Approximately forty researchers from schools and colleges will be selected to participate in a conference.

SB005695

Writing a Proposal for Developing Districtwide Self-Evaluation Instruments.
Organization: Washington State Intermediate School District 110, Seattle.

Descriptive information unavailable.

SB005696

Development of Child Care Attendant Occupational Class.
Project Director: Harns, Vivian
Organization: Puyallup School District 3, Wash.
Funding Period: Start Date 1 Mar 72; End Date 30 Jun 73

The objectives of this project are to develop and write the basic curriculum for a one-year training course in Child Care Attendants for seniors and establish an advisory committee. Program activities will include volunteer work in a child care center, interviewing and visiting a variety of day care and cooperative nursery facilities, and secondary and postsecondary training programs.

SB005697

A Comparative Evaluation of Two Approaches for Disseminating Occupational Information Contained in VIEW.
Project Director: Schmidt, Roy
Organization: Renton Vocational-Technical Inst., Wash.
Funding Period: Start Date 3 Jan 72; End Date 30 Jun 72

This project will evaluate two dissemination methods at Renton and Hazen High Schools in an effort to find an effective and efficient approach for the use of VIEW materials. The project will measure the level of student understanding of selected occupational training opportunities based on the 220 job-training information cards in the VIEW deck. One group of students who have only routine access to the VIEW system will be compared with other groups who use the VIEW materials in a formal program.

SB005698

Guidelines for Distributive Education in the New Concepts of Career Education.
Project Director: LaFreniere, Ron
Organization: Shoreline Community Coll., Seattle, Wash.
Funding Period: Start Date 1 Jun 72; End Date 31 Aug 72

This project will provide the funds to cover the travel expenses incurred by the three individuals selected to attend the national distributive education (D.E.) conference in Washington, D.C. At the conference, the participants will assist in defining and developing guidelines for D.E. in the new and emerging educational concepts for careers. Guidelines will be written for six task groups including curriculum, teacher education, youth activities, and labor-management.

SB005699

A Survey of the Training Needs of Pesticide Applicators in Eastern Washington.
Project Director: Kirkbride, Keith
Organization: Spokane Falls Community Coll., Wash.
Funding Period: Start Date 17 Jul 72; End Date 26 Sep 72

The purpose of this project is to survey the training needs of pesticide applicators within the Washington Community College District #17. A survey of all businesses and agencies concerned with the application of pesticides and herbicides will be conducted to determine the competencies associated with employment and technical advances in the industry, upgrading and training needs of employees, and the optimum training time for individuals employed in the industry.

SB005700

Preparation of Elementary Teachers for Career Education.
Project Director: Bakamis, William
Organization: Washington State Univ., Pullman. Dept. of Education.
Funding Period: Start Date 21 Feb 72; End Date 30 Jun 72

The objectives of this project are to develop and teach an experimental course in career awareness for fifteen to twenty elementary teachers. Curriculum developers will select and develop statements of competencies needed by elementary teachers in career education. Based on these competencies, a course will be planned; reviewed by experts in teacher education, elementary education, and guidance; and offered at Washington State University.

SB005701

Summer Cooperative Education Project.
Project Director: Bauer, Henry A.
Organization: Wenatchee Valley Coll., Wash.
Funding Period: Start Date 30 Jun 72; End Date 30 May 73

This project will provide the funds to employ a cooperative education coordinator to research the cooperative education placement potential with North Central Washington business and industry. The coordinator will survey area employers and students to determine the number of employers willing to participate in a summer work experience program, the interest of students in participating in such a vocational program, and the specific cost per student.

SB005702

NYC Careers Program.
Project Director: Cox, Don
Organization: Yakima Public School District 7, Wash.
Funding Period: Start Date 12 Jun 72; End Date 18 Aug 72

This project seeks to promote the Neighborhood Youth Corps career awareness program at Snoqualmie National Forest. Twenty-five students will be selected from Davis, Naches, Selah, East Valley, and West Valley high schools to participate in an experimental forestry conservation program. Discussion and lectures by the forest ranger and vocational counselor and audiovisual materials will be used to orient the students and provide information regarding the different facets of forestry service.

SB005703

Develop the 3, 5, and 10 Year Plan for Vocational-Technical Education Research in the State of Washington.
Project Director: Johnson, Wayne C.
Organization: Shoreline Community Coll., Seattle, Wash.
Funding Period: Start Date 15 Jun 72; End Date 30 Jun 73

The purpose of this project is to produce a state plan for vocational and technical education research to satisfy Washington's educational needs through coordinated, directed vocational education research efforts. Specific objectives include developing and adopting a systems approach for conducting state vocational-technical education research; providing especially for the needs of minority, handicapped, or disadvantaged persons; and providing a liaison with business and labor to assure that the content and methods of research will be directed toward preparing students with entry level skills.

SB005704

Development and Demonstration of a Model Follow-Up Procedure.
Project Director: Roberts, Robert C.
Organization: Renton School District 403, Wash.
Funding Period: Start Date 19 Jun 72; End Date 30 Jun 73

This project proposes to develop and demonstrate a model follow-up procedure for collecting federal, state, and local data about vocational education students and former students at secondary and vocational-technical schools in Washington. Procedures include identifying the data needs of local, state, and national agencies; developing instruments and procedures for gathering and analyzing data; and demonstrating the capability of one large and one small educational agency to conduct a follow-up study.

SB005705

Stochastic Estimation Model for Vocational Education Training Needs.
Project Director: Das, Deb K.

Organization: Washington State Board for Community Coll. Education, Seattle. Research and Planning Office.
Funding Period: Start Date 1 Jul 72; End Date 1 Apr 73

This project is designed to develop and demonstrate a system for projecting Washington's vocational education needs which meets the following specifications: (1) outlines a three-to-ten year planning horizon, (2) allows for inter-occupational shifts and migrations, (3) reflects policy constraints and priorities, (4) adjusts training goals to long-term expectations governed by economic conditions, and (5) leads to a simple procedure which can be understood and implemented by planners at all levels of vocational education.

Fiscal Year 1973

SB005706

A Proposal for the Development of an Occupational Training Needs and Vocational Enrollment Forecast Model.
Project Director: Hale, Earle
Organization: Washington State Board for Community Coll. Education, Olympia.

The purpose of this project is to develop an occupational training needs and vocational enrollment forecast model. Requirements for the model include the ability to provide yearly forecasts of overall student enrollment for six to ten years into the future and the capability of forecasting demand for training in the twelve curriculum or program areas defined by Western Interstate Commission on Higher Education.

SB005707

Information Retrieval Center Products.
Organization: Northern Colorado Educational Board of Cooperative Services, Boulder.

Descriptive information unavailable.

SB005708

Stochastic Estimation Model for Vocational Education Training Needs.
Project Director: Das, Deb K.
Organization: Washington State Board for Community Coll. Education, Seattle. Research and Planning Office.

Descriptive information unavailable.

SB005709

A Survey of the Training Needs of Pesticide Applicators in Eastern Washington.
Project Director: Kirkbride, Keith
Organization: Spokane Falls Community Coll., Wash.
Funding Period: Start Date 17 Jul 72; End Date 26 Sep 72

The purpose of this project is to survey the training needs of pesticide applicators within Washington Community College District 17. A survey of all businesses and agencies concerned with the application of pesticides and herbicides will be conducted to determine the competencies associated with employment and technical advances in the industry, upgrading and training needs of employees, and the optimum training time for individuals employed in the industry.

SB005710

Evaluation of Upper Yakima Experimental Elementary VIEW Deck.
Project Director: Holmes, John W.
Organization: Washington State Intermediate School District 114, Port Townsend.
Funding Period: Start Date 1 Sep 72; End Date 31 Jan 73

This project proposes to evaluate the VIEW deck in terms of its general applicability, development of job cluster information awareness of an increased number of occupations, and its effectiveness in initiating elementary occupational awareness programs. Pre and posttests will be administered to students using the VIEW deck to evaluate the students' knowledge of occupations. The data will be analyzed.

SB005711

Employment and Recruitment Project Conference.
Project Director: Tice, Lou
Organization: Pacific Inst., Inc., Seattle, Wash.
Funding Period: Start Date 30 Jan 73; End Date 9 Feb 73

To make the Viet Nam veteran Employment and Recruitment Project more effective, this project will conduct a conference to provide up-to-date communication and motivational techniques to the veterans' coordinators and counselors and increase the communication and coordination among Viet Nam veterans employed under the recruitment project. Group discussions will be used to evaluate and share individual school's problems and progress. Lectures designed to teach individual coordinators up-to-date scientific techniques in communication, motivation, and unity will be presented.

SB005712

EVA (Early Vocational Awareness).
Project Director: Cox, Bill
Organization: Highline Public Schools, Seattle, Wash.
Funding Period: Start Date 29 Jan 73; End Date 29 Jun 73

This continuation project proposes to develop a coordination and distribution system for the Early Vocational Awareness resource packets previously developed for elementary teachers. A system for expendable supply replacement, schedules, and records will be developed. Activities include individual and small group workshops, demonstrations and presentations, and staff meetings.

SB005713

Environmental/Ecological Center Feasibility Study.
Project Director: Billups, John
Organization: Ocean Beach School District 101, Ilwaco, Wash.
Funding Period: Start Date 1 Nov 72; End Date 1 May 73

The objectives of this project are to determine the feasibility of using the Ilwaco hatchery site for career awareness education for 950 students in grades K-12 and design a model for implementing such a program. Procedures include introducing the career awareness program to the faculty and community, conducting inservice sessions to train teachers in career awareness concepts and methods, and visiting other schools that have career awareness programs.

SB005714

Skill Center Feasibility Study.
Project Director: Hudson, Max L.
Organization: Washington State Intermediate School District 112, Vancouver.
Funding Period: Start Date 26 Mar 73; End Date 30 Jun 73

The purpose of this project is to conduct a feasibility study to determine the practicality of building a skills center for the cooperating districts of Washougal, Camas, Evergreen, Battle Ground, Ridgefield, LaCenter, Woodland, and Vancouver. The study will include a survey of existing programs, identification of employer's needs and postsecondary opportunities, and a survey of student attitudes and business and industrial interest.

SB005715

Comparison of Cooperative Versus Classroom Training in Office Practice.
Project Director: Anderson, Barbara
Organization: Vancouver School District 37, Wash.
Funding Period: Start Date 1 Dec 72; End Date 30 Jun 73

This project proposes to evaluate and statistically compare cooperative and classroom office education to determine which provides better preparation and greater job success. The students will be ranked on the basis of grade point average and their scores on several tests. Follow-up studies of the students will provide postgraduation rating of personal job satisfaction and employer satisfaction and determination of student employment and unemployment.

SB005716

Appraisal of an Occupational Awareness Program.
Project Director: Tonda, Morris
Organization: Renton School District 403, Wash.

Descriptive information unavailable.

SB005717

Occupational Awareness Mobile Unit Evaluation.
Project Director: Organ, Daniel J.
Organization: Yakima School District 7, Wash.
Funding Period: Start Date 1 Apr 73; End Date 30 Jun 73

This project will conduct an evaluation of the Occupational Awareness Mobile Unit to gather information about student goals and outcomes, planning and operation processes, and operational costs. The project will develop an evaluation format, collect and analyze data, and present the information to the funding agency for use in determining the desirability of replicating the program.

SB005718

How Are We Doing?
Project Director: Burns, Georgia
Organization: Richland Public School District 400, Wash.

This project seeks to determine the number and quality of former Columbia High School graduates working in the Hanford Works and Richland area. Results of the study will be used to modify the existing programs in the Columbia High and Hanford schools. Questionnaires will be sent to a sample of identified graduates, and area business leaders will be surveyed to determine program strengths and weaknesses.

SB005719

Workshop on Workshops.
Project Director: Porter, Sam
Organization: Western Washington State Coll., Bellingham.
Funding Period: Start Date 1 May 73; End Date 30 Jun 73

The objective of this project is to determine the technique, content, and methods applicable to presenting inservice workshops for career education integration into curricula. Experts in inservice workshop development will discuss the best methodology and workshop techniques and determine the commonalities in the lighthouse workshops that have been presented.

SB005720

Evaluation and Documentation of Institute on Cooperative Education.
Project Director: Towne, Douglas C.
Organization: Northwest Regional Educational Lab., Portland, Oreg.
Funding Period: Start Date 15 May 73; End Date 30 Jun 73

This project proposes to assess, evaluate, and document a series of three cooperative education institutes funded by the Education Professions Development Act. To determine the effects of the institutes' activities on the participants, a series of daily evaluations will be administered. Documentation of the evaluations and institute operation will be compiled to assist subsequent efforts to conduct similar institutes.

SB005721

Project WISE (Welding Instructors Survey and Evaluation).
Project Director: Carpine, Fred
Organization: Welding Instructors Association, Auburn, Wash.
Funding Period: Start Date 1 Jun 73; End Date 30 Jun 73

The purpose of this project is to develop an information base to identify the entry level skill standards and the employment needs of industry in the areas of manual arc, oxy fuel gas, gas tungsten, gas metallic arc, electro slag, submerged arc, and plasmo arc. A survey of twenty to thirty companies will include determining the use of various welding skill groups; equipment most commonly used; and the number of welders employed, the job turnover, and number of entry level workers hired yearly.

SB005722

Annotated Bibliography of Career Awareness and Exploration for Secondary School Students.
Project Director: Mortier, Tom
Organization: Washington State Univ., Pullman.
Funding Period: Start Date 1 May 73; End Date 30 Jun 73

This project proposes to develop a prioritized annotated bibliography of all pertinent material directly related to career awareness and career exploration for secondary school students. Published material pertaining to career education will be examined; and specific items relating directly to career awareness and career exploration will be determined, prioritized, and added to the bibliography.

Fiscal Year 1974

SB005723 VTP-1243

The Study of a Career Education Component in a Teacher Education Program.
Project Director: Porter, Sam R.
Organization: Western Washington State Coll., Bellingham.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project proposes to measure the success of a teacher education program in career education. By providing pre and inservice teachers with information, content, examples, and models of career education programs and experiences in elementary and secondary career education activities, the study will measure knowledge gains and attitude changes toward career education. A self-instructional media-centered Career Education Laboratory will be utilized and evaluated.

SB005724 VTP-1250

CCOE Participation in the Pacific Northwest Research and Evaluation Conference.
Project Director: Clark, Cecil
Organization: Washington Univ., Seattle.
Funding Period: Start Date 15 Dec 73; End Date 30 May 74

To increase clerical support to the Washington Educational Research Association conference, the WERA is requesting clerical assistance and supplies to present a better research and evaluation conference. The conference will allow educational researchers the opportunity to learn more about vocational and career education through papers and symposia presented at the conference.

SB005725 VTP-1249

Walla Walla Area Vocational Needs Assessment.
Project Director: Scott, Phillipp
Organization: Walla Walla School District 140, Wash.
Funding Period: Start Date 10 Sep 73; End Date 30 Jun 74

This project will conduct an area-wide vocational needs assessment to provide educational specifications data for a proposed vocational skill center to be built in Walla Walla School District 140. The assessment instruments and techniques used will be furnished by the Coordinating Council for Occupational Education.

SB005726 VTP-1246

Correlated Vocational and Basic Communication Skill Instructional Programming.
Project Director: Walmsley, Lee
Organization: Selah School District 119, Wash.
Funding Period: Start Date 15 Nov 73; End Date 1 Jun 74

This project intends to increase the communication skills of underachieving vocational students at Selah High School. By using vocational program interest as a motivational factor, the program will develop ten filmstrip/casette tape instructional packages in ten basic areas of communication skills. The researchers will select ten students who need skill development, apply the program, and evaluate the results.

SB005727 VTP-1247

An Appraisal of an Occupational Awareness Program.
Project Director: Tonda, Morris
Organization: Renton School District 403, Wash.
Funding Period: Start Date 15 Nov 73; End Date 1 Jun 74

This project will quantitatively evaluate and report changes in work-related attitudes of students participating in the Occupational Awareness Program for elementary school students. A semantic differential instrument will be used to evaluate work-related attitudes prior to and after completion of the program. Results will be tested using the Wilcoxon matched-pairs signed-ranks tests.

SB005728 VTP-1248

A Cost Benefit Analysis of Vocational Education in an Area Vocational Technical Institute.

Project Director: Schmidt, Roy L.
Organization: Renton School District 403, Wash.
Funding Period: Start Date 1 Oct 73; End Date 30 Jun 74

To provide a framework of analysis for vocational education programs, a cost-benefit analysis will be conducted to determine the rate of direct economic return of various vocational curricula. Cost analysis will include establishing the future levels of earnings of students enrolled and not enrolled in vocational and technical programs and comparing benefits of training to the individual and societal costs.

SB005729

Project EVA Dissemination Packet.
Project Director: Cox, William W.
Organization: Highline School District 401, Seattle, Wash.
Funding Period: Start Date 15 Jul 73; End Date 28 Sep 73

The purpose of this project is to revise the Project EVA materials to make them acceptable for national dissemination. The EVA materials will be edited to eliminate local references to make the materials more useful for national publication.

SB005730 **VTP-1245**

Development of Teacher Training Program in Career Education.
Project Director: Fuglsby, Glen O.
Organization: Eastern Washington State Coll., Cheney.
Funding Period: Start Date 1 Oct 73; End Date 30 Jun 74

The objectives of this project include investigating the status of career education in preservice and inservice teacher training programs and developing initial strategies for incorporating career education into teacher training disciplines. Five four-year public teacher preparation institutions will select five-member strategy teams to carry out the investigation.

SB005731 **VTP-1244**

To Develop an Individualized Instructional Package on the Basics of the Metric System.
Project Director: Crow, Willard
Organization: Renton Vocational-Technical Inst., Wash.
Funding Period: Start Date 15 Dec 73; End Date 30 Jun 74

This project intends to develop an individualized instructional package, Basics of the Metric System, by analyzing and altering the current instructor-centered course. A study guide will be prepared; and the package will be field tested, evaluated, and modified. A final package will be made ready for reproduction.

SB005732 **VTP-1255**

Educational Needs Assessment of Eastern Lewis County.
Project Director: Shiveley, Jerry W.
Organization: Tri-District Career and Vocational Education Cooperative, Mossyrock, Wash.
Funding Period: Start Date 15 Dec 73; End Date 31 Mar 74

This project aims to determine the educational needs of students and adults in the communities and school districts of Mossyrock, Morton, Onalaska, and White Pass. The project will survey graduates, students in grades 8-12, major businesses and employers, school staff, and randomly selected parents. The results will be analyzed and used as a basis for current and long-range educational planning.

SB005733

A Study to Determine an Acceptable Teaching Load in Vocational Agriculture.
Project Director: Gallagher, Robert E.
Organization: Washington State Univ., Pullman.
Funding Period: Start Date 1 Apr 74; End Date 1 Sep 74

The objectives of this study are to determine the class load of 150 vocational agriculture instructors and obtain from 100 superintendents, 100 principals, and 150 experienced teachers their opinions about an acceptable teaching load. Questionnaires sent to the target groups will gather information on the actual class load of teachers and the acceptable teaching load preferred. Results of the study will be analyzed. Conclusions as to the acceptable teaching load will be formulated and made available to administrators, state staff personnel, and cooperating instructors.

SB005734

Inter-Institutional Cooperation in Parent Education.
Project Director: Neves, Leona
Organization: Longview School District 122, Wash.
Funding Period: Start Date 1 Jan 74; End Date 1 Jun 74

This project will determine if secondary students who are teenage mothers or expectant mothers can share with postsecondary students the same Child Care Laboratory, the same staff and curriculum and handle interpersonal relationships in a positive manner in a postsecondary child care program. As secondary students are enrolled in the early childhood education classes at Lower Columbia College, this evaluation will determine if the curriculum meets the needs of the secondary students, if the laboratory facilities are adequate for secondary and postsecondary students, and if the program will increase the articulation between secondary and postsecondary disciplines.

SB005735

SSAVE (Small School Alternatives in Vocational Education).
Project Director: Shiveley, Jerry W.
Organization: Tri-District Career and Vocational Education Cooperative, Mossyrock, Wash.
Funding Period: Start Date 15 Jan 74; End Date 30 Jun 74

This project intends to implement a mobile unit, cooperative busing of vocational students, and community involvement in vocational programs and compare each alternative's effectiveness to determine its feasibility for use in small rural schools. Procedures include determining programs to be used in the mobile unit; surveying the community for people, business, and industry willing to contribute to school vocational programs; and surveying students for their choices of specialty programs to be offered in cooperating school districts.

SB005736

Articulation of Secondary to Postsecondary Vocational Education Program.
Project Director: Roy, Roland L.
Organization: Central Washington State Coll., Ellensburg.
Funding Period: Start Date 15 Jan 74; End Date 15 Jun 74

This project will investigate the relationship between the postsecondary system and the secondary schools in performing vocational education functions in an effort to design a state-wide plan for articulation of vocational education. This plan will include the elimination of duplication and repetition of courses, planning continuous industrial and formal education in a postsecondary system, and realistic evaluation of placement credits for high school courses in vocational education.

SB005737

National Instructional Television Project (NIT).
Project Director: Pilant, George
Organization: Washington Coordinating Council for Occupational Education, Olympia.

This project will provide the funds necessary to participate in a consortium project to produce the National Instructional Television series, "Bread and Butterflies."

Fiscal Year 1975

SB005738 **VTP-1575**

Curricular Change for Teaching Teenage Parents.
Project Director: Winegar, Floyd
Organization: Upper Yakima Valley Vocational Cooperative, Wash.
Funding Period: Start Date 1 Oct 74; End Date 31 Dec 74

This project is designed to increase the number of teachers capable of effectively teaching teenage parents. A pilot class of teachers who work with teenage parents will identify teachers' needs in this area and seek solutions. Pre and postevaluations will be conducted.

SB005739 **VTP-1574**

Surveying Restaurant Skills Needs to Establish a Food Service Class.

Project Director: Buhman, Lois
Organization: Mercer Island School District 400, Wash.
Funding Period: Start Date 1 Aug 74; End Date 31 Oct 74

To establish a food service class, this project proposes to determine the restaurant skill needs in the Seattle area. A survey seeking answers to predetermined questions will be administered during twenty personal interviews, and a report of findings will be compiled.

SB005740 **VTP-1577**

Survey and Documentation of Vocational Skills/Needs and Corresponding Job Availability in the Orting School District.
Project Director: Polich, Erline
Organization: Orting School District 344, Wash.
Funding Period: Start Date 1 Aug 74; End Date 30 Sept 74

This project is designed to determine the vocational skills/needs and the availability of corresponding job opportunities for the area. By surveying and documenting the skills/needs of both the district and prospective employers, valuable information will be provided for orderly and progressive program planning and for the final stages of facility planning for the new building program.

SB005741 **VTP-1833**

Development of an Instrument for Prescribing Compensatory Education for Vocational-Technical Trainees.
Project Director: Roberts, Robert C.
Organization: Renton Vocational-Technical Inst., Wash.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

By developing and implementing pre-entry criterion-referenced tests, this project will permit remediation of specific skill deficiences and increase the percentage of students successfully completing vocational training programs. Use of the tests will permit identification of students demonstrating severe weaknesses in verbal and numerical competencies identified as prerequisites to successful vocational training. Subsequent remedial education will be prescribed.

SB005742 **VTP-1891**

Designing Data Gathering Instruments for Vocational Educators.
Project Director: Orlich, Donald C.
Organization: Washington State Univ., Pullman.
Funding Period: Start Date 1 Sep 74; End Date 31 Jul 75

The objectives of this project are to develop and pilot test a vocational teacher-oriented manual on how to design, construct, administer, and tabulate data-gathering instruments and provide all vocational and career educators with this manual. Procedures will include preparing a model, pilot testing and revising it, and preparing the final product.

SB005743 **VTP-1890**

Occupational Education, Occupational Student Attrition Study.
Project Director: Scott, James C.
Organization: Highline Community Coll., Midway, Wash.
Funding Period: Start Date 1 Dec 74; End Date 30 Jun 75

This study is designed to identify students who declared a specific occupational preparatory major but did not continue in that program and document the reason for not continuing.

SB005744 **VTP-1899**

Small School Alternatives in Vocational Education.
Project Director: Shiveley, Jerry W.
Organization: Tri-District Career and Vocational Education Cooperative, Mossyrock, Wash.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project using Eastern Lewis County schools will compare the mobile unit, cooperative busing of vocational students, and community involvement in vocational programs to determine their feasibility in small rural schools. The results included in the evaluation will be comparisons of cost per student of each program; skill development per alternative program; and attitudes of students, staff, and community.

SB005745 **VTP-1900**

Where Have They Gone and What Have They Done.
Project Director: Wickizer, Charles
Organization: Monroe Public Schools, Wash.
Funding Period: Start Date 1 Dec 74; End Date 31 May 75

This project proposes to survey, compile, summarize, and distribute the results of a Monroe High School graduate follow-up study maintained for the past fifteen years. Three capable high school students will contact and survey graduates and families and friends of the graduates to collect up-to-date information. This data will be added to, and verify, existing data.

SB005746 **VTP-1901**

Job Placement and Development Research.
Project Director: Straka, Thomas J.
Organization: Kent School District 415, Wash.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

This project is designed to develop and test research instruments that will identify problems in job development and placement function of vocational education by providing input from students, employers, and counselors. Procedures will include collecting and interpreting data that will identify and prioritize problems, producing an operations manual for job placement and development, and providing communication of necessary and desirable information.

SB005747 **VTP-1902**

Developing Management Horizons for Women.
Project Director: Nicholson, Athyleen F.
Organization: Puget Sound Inst. Tacoma, Wash.
Funding Period: Start Date 1 Jul 74; End Date 31 Mar 75

To meet the demand for nontraditional conferences dealing with advancing women's managerial status and encouraging affirmative action programs at Fort Steilacoom Community College, Big Bend Community College, and Columbia Basin Community College, sequential seminars on "Developing Management Horizons for Women" have been scheduled for presentation. The seminars designed to improve the occupational status of women will implement similar plans; present the same keynoters; and share publicity, evaluation, and follow-up.

SB005748 **VTP-1927**

Job Approach to Bookkeeping/Accounting.
Project Director: Carlson, Andrew
Organization: South Bend School District 118, Wash.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

By surveying employees, employers, and employment agencies for data, this project will develop a Bookkeeping/Accounting Supplement and Guide. The summarized information will provide the emphasis to teach bookkeeping/accounting in the secondary schools and will be included in the supplement package used in the classroom. The guide can be used for evaluation or development of other curriculum and supplemental materials.

SB005749 **VTP-1928**

Preparing a Successful Research Grant Proposal.
Project Director: Orlich, E. Patricia Rend
Organization: Washington State Univ., Pullman. Dept. of Home Economics and Education.
Funding Period: Start Date 15 Feb 75; End Date 30 Jun 75

This project is designed to provide a detailed operations manual for all vocational teachers in Washington instructing them how to prepare a successful research project proposal. Procedures will include an analytic examination of vocational education research application formats and will provide a final draft including the common research elements and examples. The final draft will be evaluated by competent researchers.

SB005750 **VTP-1926**

Coordination Skill Development of Secondary Disadvantaged Students.
Project Director: Haskell, Shirley
Organization: Shelton High School, Wash.
Funding Period: Start Date 1 Feb 75; End Date 30 Jun 75

This project proposes to increase the number of secondary special education students with prerequisite eye-hand coordination skills necessary to enroll in vocational classes. Student progress assessment and analysis will involve the extent of skill development and planning for individual student programs to facilitate development and include

staff members from home economics, special education, and guidance.

SB005751 VTP-2038

Selection Indicators for Applicants in Apprenticeable Trades.
Project Director: Greco, Paul W.
Organization: Northwest Plumbing and Pipefitting Industry Journeyman and Apprentice Trust, Wash.
Funding Period: Start Date 1 Feb 75; End Date 30 Jun 75

By survey and personal contact, this project is designed to determine selection indicators for success in the apprenticeable trades. Questionnaires and evaluation sheets will be sent to the applicable joint apprenticeship and training committees to evaluate a sample of 250 apprentices in various occupations to determine the strong points of their backgrounds and determine what requirements the committees want in an applicant. Each apprentice will be evaluated in nine areas related to his job performance.

SB005752

Dissemination of Parts C & D Career Education and Research.
Project Director: Frye, Ron
Organization: Cashmere School District, Wash.
Funding Period: Start Date 26 Jan 75; End Date 1 Apr 75

The objective of this project is to disseminate to Washington State school districts the results of the progress of career education resulting from the national Conference on Exemplary and Research Vocational Funds.

SB005754

Project to Determine Need for Training of Mid-Management Personnel in Whatcom County.
Project Director: Glaze, Gary K.
Organization: Bellingham Vocational-Technical Inst., Wash.
Funding Period: Start Date 1 Mar 75; End Date 30 Jun 75

This project will conduct a survey to determine industry needs for persons with mid-management training and if any training of a related nature is being conducted by other institutions. This information will be used to determine if teaching a class in mid-management would benefit the community.

SB005753 VTP-2547

Development of Course Outlines for all Approved Courses of Vocational Agriculture for the State of Washington.
Project Director: Steele, David
Organization: North Thurston School District 3, Lacey, Wash.
Funding Period: Start Date 1 Mar 76; End Date 30 Sep 76

This project will produce recommended course outlines for vocational agriculture courses based on a survey of vocational agriculture teachers and consolidation of existing course outlines. A committee of sixteen master teachers will review and revise the consolidated outlines. The published outlines will be made available to use in developing new classes and vocational agriculture departments, updating existing classes, and revising existing curriculum.

SB005755 VTP-2039

Employment Opportunities for Graduates of Theatre Technology and Theatre Management Programs at the Community College Level.
Project Director: Siegl, Simon
Organization: Bellevue Community Coll., Wash.
Funding Period: Start Date 1 Apr 75; End Date 30 Sep 75

This project will research the job market for community college students completing requirements in Theatre Technology and Theatre Management programs at Bellevue Community College. To prepare a model, the project will establish a need for the program, determine potential for cooperative education, research the job market, build program objectives, develop a budget, and plan an evaluation.

SB005756 VTP-2020

Salary Comparison of Secretarial Graduates with Power Typing Skills.
Project Director: Funk, Beverley M.
Organization: Everett Community Coll., Wash.
Funding Period: Start Date 1 Apr 75; End Date 1 Jun 75

The objective of this project is to determine if there is a need for power typing training in the secretarial department by comparing the future salaries of students with and without the training. The power typing skills will be taught in scheduled classroom time through the use of a self-paced manual and an available, knowledgeable instructor.

SB005757

Research Planning Grant.
Project Director: Tadlock, Larry E.
Organization: Zillah School District, Wash.
Funding Period: Start Date 21 Mar 75; End Date 15 Jun 75

The objectives of this project include planning and preparing a research proposal which establishes the methodology for a study to determine the willingness of high school-aged youth to travel between schools or sites for vocational or skills training. The project will also identify relevant sources of data and information to be used as support materials for the study and conduct site visits to exemplary vocational training centers to interview leaders in the field for their ideas, concerns, and recommendations.

SB005758

A Study of Student Characteristics Affecting Performance in the Use of Individualized Learning Activity Packages.
Project Director: Daniels, William
Organization: Olympia School District, Wash.
Funding Period: Start Date 15 Apr 75; End Date 31 Dec 75

The purpose of this project is to design a model for collecting and evaluating data concerning the characteristics of 75 to 100 vocational students using IDECC individualized learning activities packages. Development of the model will allow vocational educators to determine the learning style and learning-style matrix of each student. This information will facilitate the delivery of vocational education and provide information relating to the effectiveness of the IDECC material.

SB005759

Research Development of Metallurgy and Power Supply Instructional Offerings for Community College Welding Students.
Organization: Bellevue Community Coll., Wash.

Descriptive information unavailable.

SB005760

Relevancy of Forest Technology Programs to Jobs Forest Technicians Perform.
Project Director: Wray, Clayton
Organization: Everett Community Coll., Wash.
Funding Period: Start Date 25 Jun 75; End Date 29 Oct 75

The objective of this project is to determine the relevancy of forest technology programs offered at nine community colleges to the jobs performed by forest technicians. Questionnaires sent to graduates of the forest technology programs will determine the jobs performed by a forestry technician; the need for specialized skills such as log scaling, park ranger, and timber cruiser; the relevancy of skills learned in the program to today's technology; and the marketable skills gained in the forest technology program.

SB005761 VTP-2037

Video Articulation and Guidance.
Project Director: Adams, Leslie R.
Organization: Kennewick School District 17, Wash.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

This project proposes to increase enrollment at Columbia Basin College in a new agriculture program by developing a videotape presentation that will include the occupational opportunities and educational preparation activities of the agriculture program. The videotape will be presented in ten high schools to a minimum of 200 potential students. Program effectiveness will be evaluated by questionnaires answered by enrollees.

Fiscal Year 1976

SB005762

An Individual Progress Curriculum to Decrease the Dropout Percentage in Beginning and Intermediate Gregg Shorthand at Community Colleges.
Project Director: Freeman, Helen
Organization: North Seattle Community Coll., Wash.
Funding Period: Start Date 21 Jun 76; End Date 1 Feb 77

This project intends to decrease the dropout percentage of students who begin a series of vocational shorthand courses but do not complete the first-quarter course. As part of a re-evaluation of course offerings, the project procedures will include defining performance goals for beginning and intermediate modules of first-year individual-progress instruction; selecting texts and supplementary materials; and field testing, determining dropout percentage, and evaluating the effectiveness of the individualized approach.

SB005763

Relevancy of Forest Technology Programs to Jobs Forest Technicians Perform.
Project Director: Wray, Clayton
Organization: Everett Community Coll., Wash.

The objective of this project is to determine the relevancy of forest technology programs offered at nine community colleges to the jobs performed by forest technicians. Questionnaires sent to graduates of the forest technology programs will determine the jobs performed by a forestry technician; the need for specialized skills such as log scaling, park ranger, and timber cruiser; the relevancy of skills learned in the program to today's technology; and the marketable skills gained in the forest technology program.

SB005764

Assessing Student Attitudes Towards Travel.
Project Director: Tadlock, Larry E.
Organization: Mossyrock School District 206, Wash.
Funding Period: Start Date 1 Aug 75; End Date 30 Jun 76

The objectives of this project are to determine the extent of participation of high school students in vocational programs at selected sites away from their home schools during the last three to five years, predict the number of students willing to travel to another school to take advantaged of vocational courses not offered at their home schools, and determine those factors that influence student willingness to travel away from their home schools.

SB005765

Development of a Plan for Providing Career Information to Handicapped Students.
Project Director: Rose, Pearl
Organization: Fort Steilacoom Community Coll., Tacoma, Wash.
Funding Period: Start Date 1 Jul 75; End Date 31 May 76

The purpose of this project is to provide career information, job characteristics, and employment skills for twenty-five occupations to physically handicapped students. The specific objectives include designing a plan for collecting and formulating occupational job categories, designing an occupational description format compatible with the Washington Occupational Information System format, and increasing the available career information for physically handicapped students via a computerized delivery system.

SB005766

Analysis of Data on Vocational Education in the State of Washington with Recommendations for Modifications in Procedures and/or Definitions.
Project Director: Schill, William
Organization: Applications in Developmental Systems, Inc., Seattle, Wash.
Funding Period: Start Date 1 Nov 75; End Date 30 May 76

The purpose of this project is to analyze the data collection procedures, formats, and definitions in operation at state education agencies. The specific objectives of the project include identifying data elements required of the Commission on Vocational Education by state and federal law, identifying data elements collected by state education agencies, identifying the data elements which have incompatible definitions, and proposing modifications in existing definitions and data collection procedures to eliminate conflicts.

SB005767

Industrial Arts Vocationally Approved Research Model.
Project Director: Hoffman, David
Organization: Washington Office of the State Superintendent of Public Instruction, Olympia. Div. of Vocational-Technical and Adult Education Services.
Funding Period: Start Date 1 Sep 75; End Date 31 Aug 76

The goal of this project is to develop a model to evaluate the effectiveness of thirty-six industrial arts vocationally approved projects located at selected sites within the state. Project objectives include providing information to determine necessity and direction of change of existing criteria for developing future industrial arts vocationally approved projects; developing a method for providing information to instructors and evaluators for internal evaluation of the course; and providing instructors with guidelines and procedures to develop their own devices to measure student knowledge, skills, and attitudes.

SB005768

Relationship of Extended Contract to Vocational Agriculture and FFA Summer Program.
Project Director: Robinson, George A.
Organization: Washington State Univ., Pullman.
Funding Period: Start Date 15 Oct 75; End Date 15 Jan 76

The purpose of this project is to identify those activities in which vocational agriculture teachers were engaged during the summer months of 1975 and the amount of time devoted to those activities. A survey sent to teachers will include a list of selected activities, and teachers will be asked to respond by estimating the number of days devoted to the activities during the summer. Results of the survey will be analyzed and conclusions drawn to provide guidelines for vocational agriculture program improvement.

SB005769

Evaluation of Computerized Guidance System.
Project Director: Yormark, Ben
Organization: Highline Public Schools, Seattle, Wash.
Funding Period: Start Date 5 Nov 75; End Date 31 May 76

This project will seek to evaluate the significance of the career information system. The project will determine if a relationship exists between the voluntary use of the career information system and the high scholastic standing of the students. This study will analyze the covariance between the two factors of system use and student profile.

SB005770

Grant Writing Workshop.
Project Director: Bjur, Michael P.
Organization: Kelso School District, Wash.
Funding Period: Start Date 3 Dec 75; End Date 1 Feb 76

The objectives of this project are to conduct a pilot grant writing workshop to aid vocational educators in preparing grants or vocational research and development projects, provide a pilot project as a mechanism by which the technical quality of research and development proposals may be improved, and improve the chances of vocational teachers to obtain research and development funds.

SB005771

Development of a Curriculum Model for Articulation between Identification of Competencies and Employment Opportunities in the Nursery and Greenhouse Industry.
Project Director: Emerson, L.
Organization: Washington State Univ., Pullman.
Funding Period: Start Date 17 Nov 75; End Date 1 Jun 76

This project will conduct a survey to provide current information relating to employment opportunities, needs, and requirements in nursery and greenhouse management and operation. This study will be beneficial in developing curriculum and curriculum materials; guidelines for training competencies; and guides to individual instruction and follow-up, preservice and inservice teacher education, on-the-job training, and behavioral objectives.

SB005772

Development of a Curriculum Articulation Model Between Vocational-Technical Institutes, Community Colleges, and School Districts.
Project Director: Suver, J. Allen
Organization: Bellevue Community Coll., Wash.
Funding Period: Start Date 1 Sep 75; End Date 30 Jul 76

This research project is designed to test the feasibility of articulating curricula among differing levels of institutions in vocational programs. Procedures include documenting the requirements for vocational program offerings in each of the member institutions, analyzing identified courses and programs to determine comparable curricular areas and to identify a curricular ladder by which the students may progress to meet their goals, and developing packages of materials to be used in counseling students in the program options available to them.

SB005773

Systemization of Vocational Preparatory Programs in Washington Community Colleges.
Project Director: Moe, Richard
Organization: Washington State Board for Community Coll. Education, Olympia.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The primary objective of this project is to design, test, and implement a process to evaluate 150 vocational preparatory program areas to establish system-wide commonality. Specific objectives include conducting a comparative analysis of the duration, credit assignment, and contact hour involvement of 779 vocational preparatory programs in 150 occupations; identifying established commonalities and variations; establishing realistic student-faculty ratios for all programs; and establishing standards for terminal performance objectives for all vocational preparatory programs.

SB005774

A Study of the Vocational Agriculture Influence on 1964 Vocational Graduates of Selected Washington High Schools in Occupational and Educational Selection.
Project Director: Cvancara, Joseph
Organization: Washington State Univ., Pullman.
Funding Period: Start Date 18 Jan 76; End Date 30 Sep 76

The purpose of this research project is to determine the impact of vocational agriculture training and Future Farmers of America activities upon the subsequent occupational choice, educational status, and career progress of 1964 graduates from vocational agriculture programs. Information gathered from questionnaires sent to the graduates will include occupational or educational status, highest level and nature of formal educational experience, influence of vocational agriculture on present occupation and continued education, and student responses to the benefits of vocational agriculture training in their career progress.

SB005775

Non-Computerized Delivery Systems for the CCIS.
Project Director: Judd, Charles
Organization: Highline Public Schools, Seattle, Wash.
Funding Period: Start Date 1 Apr 76; End Date 30 Dec 76

To reduce the per-pupil cost of the Computerized Career Information System (CCIS) in the Highline Public Schools, this project will develop alternative delivery systems to complement or take the place of CCIS and field test these systems to determine their instructional and cost effectiveness with senior high school students. A review of other information systems will be conducted to determine alternative methods and materials to be appropriately adapted. Selected alternative methods will then be devised and field tested for effectiveness.

SB005776

Survey of 3 Selected Occupational Areas.
Project Director: Smith, Gordon
Organization: Everett Community Coll., Wash.
Funding Period: Start Date 23 Feb 76; End Date 30 Apr 76

The purpose of this project is to determine the job market for and the training needs of employees in the vocational fields of industrial welding technology, automotive, and commercial and institutional food service in the Everett Community College area. A survey of area businesses and related agencies will provide information to aid in the decision-making process for changing course content and in determining the employment potential for students enrolled in these programs.

SB005777

Communication Flow and Transfer of Vocational-Technical Information.
Project Director: Bigger, Gene
Organization: Bellevue Community Coll., Wash.
Funding Period: Start Date 1 Apr 76; End Date 31 Mar 77

The purpose of this project is to develop and implement an active service program to facilitate the communication flow and transfer of vocational and technical information resulting from research findings; developmental, experimental, or pilot programs; training programs; and other related resources. This information will be directed to the vocational education decision maker who will implement the findings of the research and demonstration projects. Procedures include preparing bibliographies in topical areas, preparing reports on research, and repackaging information materials for local use.

SB005778

Impact Evaluation of Two Interactive Computer Occupational Guidance/Information Systems.
Project Director: Marble, James E.
Organization: Washington State Occupational Information Service, Olympia.
Funding Period: Start Date 1 Jun 76; End Date 30 Jun 77

This project will evaluate the user impact, cost alternatives, and effective use alternatives of the Washington Occupational Information Service and the Computer Career Information Service Computer Occupational Guidance/Information systems at five locations in Washington and make recommendations for improvements. Questions to be answered by the evaluation include determining if the design assumptions and criteria are valid, if access to the system expands the user's knowledge of occupational information, and if the systems offer individual students relevant occupational options.

Fiscal Year 1977

SB005779 VTP-2986

Self-Paced Instructional Material for Industrial Electricity.
Project Director: Cox, Richard A.
Organization: Spokane Community Coll., Wash.
Funding Period: Start Date 15 Jun 77; End Date 31 May 78

The purpose of the project is to develop self-paced materials manuals for students in each of the three quarters of the industrial electricity program to decrease the dropout/failure rate from the current 40 percent to less than 5 percent by June 1, 1978. Procedures will include (1) writing and preparing the manuals, (2) doing a first quarter field test and attendant evaluation and rewriting, (3) doing a second field test and necessary rewriting, and (4) completing the final test and project evaluation.

SB005780 VTP-2930

Health Technician Aide.
Project Director: Swanson, Lillian C.
Organization: Skagit Valley Coll., Oak Harbor, Wash.
Funding Period: Start Date 1 Jul 76; End Date 1 Sep 77

This project will provide first-year students information basic to all health occupations, an overview of the health occupation cluster, and guidance in selecting an appropriate occupation for further study. Second-year students will concentrate on a chosen occupation by learning, observing, and performing the occupation's tasks and will develop vocational maturity necessary for successfully holding a job. An articulation model will be developed for students desiring post-secondary training.

SB005781 VTP-2927

Child Care Training Correspondence/Extension Consortium.
Project Director: McNeil, Margaret
Organization: Everett Community Coll., Wash.
Funding Period: Start Date 1 Dec 76; End Date 31 Dec 77

The purpose of the project is to develop, adapt, and implement a continuous enrollment, competency-based correspondence/extension child care training course and its administrative procedures for students not living close to a training institution. An assessment team

comprised of the supervisor, students, parents, and a Department of Social and Health Services Child Care specialist will make on-site visits.

SB005782 **VTP-2928**

Development of a Prototype On-Line Computer Based System for Vocational Education Enrollments and Completions Counts and for Follow-Up Statistics.
Project Director: Alaniz, Doris
Organization: Edmonds School District 15, Lynnwood, Wash.
Funding Period: Start Date 26 Aug 76; End Date 15 Jun 77

The project's objective is to change methods of compiling and tabulating information necessary for vocational enrollment, completion counts, and follow-up surveys from the current all-clerical method to an on-line computer-based system. A model data processing follow-up computer program will be designed.

SB005783 **VTP-2981**

Computer Assisted Reinforcement Training (CART).
Project Director: Wilson, John W.
Organization: Clover Park Vocational-Technical Inst., Lakewood Center, Wash.
Funding Period: Start Date 1 Mar 77; End Date 30 Aug 78

The purpose of the project is to demonstrate the effectiveness of computer-assisted reinforcement training of handicapped and disadvantaged students by increasing their basic skills achievement score. At least three basic skills computer programs in five training areas will be developed and tested. An objective is to decrease the dropout rate of handicapped and disadvantaged students.

SB005784

Vocational Orientation and Training For Displaced Homemakers.
Organization: Bellevue Community Coll., Wash.

Descriptive information unavailable.

SB005785 **VTP-2929**

Expanding Vocational Education Through Correspondence.
Project Director: Youngerman, Stephenson S.
Organization: Liberty School District 362, Spangle, Wash.
Funding Period: Start Date 1 Jun 77; End Date 30 Jun 78

The project intends to demonstrate that vocational offerings in small high schools can be expanded dramatically through the use of the tested and reputable correspondence courses. The junior class will be surveyed to determine amount of interest, a literature search will be conducted, and various correspondence products will be field tested.

Part D

Fiscal Year 1970

SB005786

Proposal for Exemplary Program Funding for the Implementation of "Project Move."
Project Director: Stannard, Lloyd
Organization: Spokane Community Coll. District 17, Wash.
Funding Period: Start Date 1 Sep 70; End Date 30 Jun 71

This project will provide the funds necessary to implement Project MOVE on a district-wide basis, selecting six schools to participate in the project. The objectives include providing a program to allow economically and educationally disadvantaged high school seniors from geographically isolated districts to become involved in active career planning; strengthen the link between school and earning a living; and provide a working model to demonstrate that Project MOVE is capable of producing an effective, financially feasible vocational guidance program.

SB005787

Occupational Job Placement Service.
Project Director: Pratton, Don
Organization: Columbia Basin Coll., Pasco, Wash.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

This project aims to establish a job placement service for occupational programs. The responsibilities of the placement director employed for student job placement service and community services include defining job opportunities in all areas of occupational education; defining and suggesting types of training programs for the disadvantaged, handicapped, and minorities; and structuring a continuous system of follow-up of students who have received occupational training.

SB005788

Occupational Counseling for Military Personnel Soon Entering the Job or Education Market.
Project Director: Jordheim, Gerald
Organization: Skagit Valley Coll., Mount Vernon, Wash.
Funding Period: Start Date 15 Sep 70; End Date 10 Jun 71

This project seeks to provide a vocational/educational counseling service to naval servicemen located at Oak Harbor. This project will fund the services of an occupational/educational counselor who will advise servicemen in registration at Skagit Valley College, offer orientation to members of the college classes, and provide counseling services at the Naval Air Station.

SB005789

Area Director of Vocational Education.
Project Director: Woodroof, R.
Organization: Aberdeen School District 5, Wash.
Funding Period: Start Date 18 Aug 70; End Date 25 Jun 71

This project proposes to employ a certified vocational director to serve as the area or regional director for six school districts. The responsibilities of the director include reviewing the present vocational programs and offering assistance in improving these programs, encouraging the development of other course offerings, and helping each district plan its annual and five-year vocational program proposals.

SB005790

You and the World of Work.
Project Director: Albrecht, Hugh
Organization: Highline Public Schools, Seattle, Wash.

This project will be the continuation of a program begun in 1968 to offer students realistic occupational experiences and training activities, highlight the importance of training in preparing and maintaining job skills, and develop with students an understanding of vocational guidance information. The students will participate in field trips, sample skill training sessions in commercial food preparation and plastics, and view a film on occupational decision making.

SB005791

Know and Care.
Organization: Kent Public Schools, Wash.

The purpose of this continuing project is to identify businesses and community personnel willing to work with students to offer vocational guidance services. The students will confer with citizen counselors and businesses to learn about occupations, see the functions first hand, and use this knowledge in making career selections. Project objectives are to increase student and citizen participation in the program and encourage district professional counselors to gain more positive attitudes toward noncollege oriented careers.

SB005792

Occupational Information Service.
Project Director: Duncan, J. Alan
Organization: Seattle School District 1, Wash.

The objective of this project is to operate an occupational information service which will provide career information at the appropriate time and in the appropriate form to meet the needs of Seattle school students, personnel, and parents. A curriculum-oriented person with industrial background will locate, identify, collect, collate, reference, and disseminate occupational information and information sources to assist students to recognize and appraise career opportunities.

SB005793

An Approach to the World of Work at the Elementary Level.
Project Director: Brooks, James
Organization: Vancouver School District 37, Wash.

In an effort to provide early occupational experiences, this project will provide to fifth and sixth graders a mobile unit housing a complete workshop which includes a wood shop scaled down in furniture and equipment. This unit, employing the American Industries Program, will be used to relate the industrial materials and processes to the social studies series on "Vancouver at Work" and to science and mathematics. The students will work individually or in small groups with the aid of vocational or industrial arts high school students.

SB005794

Regional Director of Vocational Education.
Project Director: Tadlock, Larry
Organization: Wapato School District 207, Wash.
Funding Period: Start Date 29 May 70; End Date 30 Jun 71

This project will provide the funds necessary to employ a regional vocational director to provide inter-district administrative leadership. The director's responsibilities include coordinating the vocational education activities in the five cooperating districts, expanding existing vocational programs, and establishing new programs such as increased on-the-job training and an approved distributive education program.

SB005795

Occupational Counseling in Elementary Schools.
Organization: Yakima School District 7, Wash.

Descriptive information unavailable.

Fiscal Year 1971

SB005796

Regional Director for Upper Yakima Valley Vocational Cooperative.
Project Director: Wilson, John
Organization: Yakima Valley Coll., Wash.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

This project will provide the funds necessary to employ a vocational director for the Upper Yakima Valley Vocational Cooperative. The responsibilities of this director include developing a more efficient method of scheduling inter-district cooperative vocational programs; providing a wider range of vocational offerings; expanding and coordinating the vocational programs K-12 for the six districts; and coordinating, disseminating, and interpreting vocational information for a central clearinghouse.

SB005797

Regional Direction.
Project Director: Wilson, John
Organization: Mid-Yakima Valley Cooperative, Wash.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

This project will provide the funds necessary to employ a vocational director for the Upper Yakima Valley Vocational Cooperative. The responsibilities of this director include developing a more efficient method of scheduling interdistrict cooperative vocational programs; providing a wider range of vocational offerings; expanding and coordinating the vocational programs K-12 for the six districts; and coordinating, disseminating, and interpreting vocational information for a central clearinghouse.

SB005798

The Fix-It Shop.
Project Director: Watson, John
Organization: Clover Park School District 400, Lakewood Center, Wash.
Funding Period: Start Date 1 Jan 71; End Date 31 Dec 71
Contract and/or Control No.: E18138A120

Through KPEC Television, an educational station owned and operated by the Clover Park School District in Tacoma Washington, this project intends to develop four color films to promote vocational awareness in early childhood education classes. The format, using a storyline concerned with the workday of an owner of a "fix-it" shop, will allow presentations of various concepts and incidents intended to direct young children toward socially responsible behavior, further develop a favorable self-image, and introduce them to many different occupations.

SB005799

World of Work.
Organization: Lake Washington School District 414, Kirkland, Wash.
Contract and/or Control No.: E18152A50

The objectives of this elementary world of work project include providing the children a more realistic understanding of jobs and careers on all levels, from skilled to professional; introducing children to tools, materials, and industrial processes; developing manipulative skills in the use of tools; teaching safety and work habits in life-like situations; and providing opportunities for creativity through experimentation, problem solving, and construction of projects.

SB005800

Development of a Planned Occupational Awareness Program for Elementary School Students.
Project Director: Roberts, Robert
Organization: Renton School District 403, Wash.
Funding Period: Start Date 3 Jan 72; End Date 30 Jun 72
Contract and/or Control No.: D103253A

The purpose of this project is to develop a comprehensive career awareness program for grades K-5. Specific objectives include selecting a limited number of occupations representative of an entire occupational array, identifying and choosing a number of pertinent work-related concepts and skills indicative of the world of work, and developing preliminary lesson plans for each topic selected.

SB005801

Occupational Opportunities for Life (Junior High).
Organization: South Kitsap School District, Port Orchard, Wash.
Contract and/or Control No.: E-31-111

The general objectives of this project are to enable students before they leave school to develop basic saleable skills and provide them with background information for selecting and preparing themselves for a wage-earning job. Specific objectives of the project include introducing students to the world of work; developing student awareness of the available job opportunities; developing a postive attitude toward work; and developing a theme of occupational awareness to be used as a vehicle for language arts, social studies, math and other subjects.

SB005802

A Pilot Project in Vocational Education Involving Grades 1 Through 12.
Organization: Washington State Intermediate School District 103, Pasco.

This project will consist of a series of vocational education activities involving students in grades 1-12. These will include producing a sound motion picture and making field trips to several sites.

SB005803

Vocational Guidance Counselor.
Organization: Washington State Intermediate School District 104, Ephrata.

This project will provide the funds necessary to employ a vocational guidance counselor to serve in fourteen small school districts within Grant, Adams, and Lincoln Counties. The services provided by this counselor will include occupational orientation programs and coordination; individual occupational counseling; occupational testing services; and consulting services to counselors, teachers, and administrators.

SB005804

Vocational Guidance Program.
Organization: Washington State Intermediate School District 105, Yakima.

A vocational guidance consultant will be employed with the funds provided by this project. Projects included in the guidance consultant's responsibilities are the Mid-Valley and Kittitas County voca-

tional cooperatives, K-6 vocational awareness programs, grades 7-12 career exploration programs, Project VIEW, community involvement programs, and staff development activities.

SB005805

Vocational Guidance Project.
Organization: Washington State Intermediate School District 107, Okanogan.

This project will provide occupational orientation, guidance, and counseling, and job placement in progams for elementary and secondary students. The orientation program will consist of career orientation classes on the high school level, coordination of the class "Project Need" designed to develop vocational awareness of teachers and counselors, and exposure to the world of work for elementary students including simulated work experiences and use of the sound filmstrip series "Wonderful World of Work." Intensive guidance and counseling will be provided for grades 9-12 and initial placement services will be provided students completing school.

SB005806

People at Work.
Project Director: Dilworth, June
Organization: Washington Univ., Seattle.

This project will develop a series of informational television lessons for grades 3-4 focusing on the Northwest and featuring cluster occupations in the world of work. An interdisciplinary approach will be used emphasizing science, social studies, and environmental education. Through viewing the "People at Work" series, the students will be helped to exhibit positive attitudes toward different types of work and strive toward excellent performance in their own work.

SB005807

Vocational and Career Exploration for Community College Students.
Project Director: Batdorf, Richard
Organization: Bellevue Community Coll., Wash.
Funding Period: Start Date 1 Jul 71; End Date 30 Jul 72

Funds from this project will help continue the development and expansion of the course "Vocational and Career Exploration." This individualized course is designed to allow students to contract the specific components of their learning experiences. The amount of credit is dependent solely upon the students' contract and decisions about experiences they will participate in. This project will provide additional resource materials, expansion of effective working relationships between the college and community, and additional staffing resources.

SB005808

Occupational Information Access System (OIAS).
Project Director: Turley, Mark
Organization: Clark Coll., Vancouver, Wash.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project proposes to develop an Occupational Information Access System (OIAS) as part of an intensive occupational counseling project. The OIAS project will consist of the installation of one or more remote terminals in the Learning Resources Center and will be connected via telephone to an OIAS to be established in the Portland area. This system will provide current occupational information on a local scale in an organized and convenient form.

SB005809

Early Access to Career Guidance and Placement.
Project Director: Eldridge, Lester
Organization: Edmonds Community Coll., Lynnwood, Wash.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project proposes to develop an Occupational Information and Placement Center (OIPC) to provide early articulation of educational and placement opportunities to the students of Edmonds Community College, especially disadvantaged students needing assistance. The four main areas encompassed in the OIPC are information, career guidance and planning, placement and follow-up, and evaluation. Specific services offered to the students include orientation sessions; placement publications; and a listing, screening, and referral service to inform student of career guidance services.

SB005810

Vocational Counseling.
Project Director: Beil, Leonard
Organization: Peninsula Coll. District 1, Port Angeles, Wash.
Funding Period: Start Date 30 Mar 71; End Date 30 Mar 72

The purpose of this project is to provide occupational guidance and counseling services to persons who are not enrolled in school, with strong emphasis placed on the Indian population and disadvantaged persons. Efforts will be made to provide meaningful information about the world of work and options available in preparing for various jobs, assessing the individual's strengths and weaknesses through tests and measures, help in occupational decision making, and assist in taking action designed to implement career decisions.

SB005811

Development of a Vocational Guidance Information Center.
Project Director: Johnson, Wayne
Organization: Shoreline Community Coll., Seattle, Wash.
Funding Period: Start Date 16 Feb 71; End Date 30 Jun 72

This project will develop a vocational guidance information center for Community College District 7 which will provide resources for student-teacher-counselor information relative to the opportunities in the world of work for properly trained personnel. The students will have access to the audio-tutorial equipment; and books, periodicals, brochures, and selected publications will be available at all times. Certified vocational counselors will be available also for individual assistance.

SB005812

Curriculum Development.
Organization: Spokane Community Coll., Wash.

This project will develop curriculum guidelines and instructional aids in seven new exemplary areas as part of program development activities at Spokane Community College. The areas which will be developed are research and development technology (electronics), adult basic education, consumer education, law enforcement, farm management, associate degree nursing, nurse aide and practical nursing, and dental assisting. These resources will be made available to other community colleges.

SB005813

Project GIVE.
Project Director: Straka, Thomas
Organization: Kent Public Schools, Wash.
Contract and/or Control No.: E-31-156

The purpose of this project is to apply research results to an interdisciplinary process to provide a district-wide career awareness program for the Kent Public Schools. This project will develop units in conjunction with social studies and language arts for fourth, fifth, and sixth graders to bring about early career awareness and the ability to make career choices.

SB005814

Increasing Quantity and Use of Elementary VIEW Materials.
Organization: Yakima School District, Wash.
Funding Period: Start Date 1 Aug 71; End Date 30 Jun 72
Contract and/or Control No.: E-71-241

In an effort to increase the quantity and use of the elementary VIEW materials, this project will use a team of teachers to write 150 additional elementary VIEW cards, including twenty-five describing occupations available to adolescents and twenty-five specifically written and illustrated humorously. The additional cards will be produced for each elementary school in Yakima, and readers for each school will be purchased. An evaluation will be made to determine the use of the materials by students in selected schools.

Fiscal Year 1972

SB005815

Project GIVE.
Project Director: Straka, Thomas

Organization: Kent Public Schools, Wash.

The purpose of this project is to apply research results to an interdisciplinary process to provide a district-wide career awareness program for the Kent Public Schools. This project will develop units in conjunction with social studies and language arts for fourth, fifth, and sixth graders to bring about early career awareness and the ability to make career choices.

SB005816

Increasing Quantity and Use of Elementary VIEW Materials.
Organization: Yakima School District, Wash.

In an effort to increase the quantity and use of the elementary VIEW materials, this project will use a team of teachers to write 150 additional elementary VIEW cards, including twenty-five describing occupations available to adolescents and twenty-five specifically written and illustrated humorously. The additional cards will be produced for each elementary school in Yakima, and readers for each school will be purchased. An evaluation will be made to determine the use of the materials by students in selected schools.

SB005817

An Integrated Model Placement Program.
Project Director: Marble, James
Organization: Clark Coll., Vancouver, Wash.

The primary goal of this Model Placement Program is to improve job and career placement for occupational students through an integration and improvement of existing placement related activities and services. Specific objectives include providing high school and college students and personnel detailed data about manpower forecasts, job opportunities, training programs, placement success, and job retention; cooperating and exchanging information with Employment Security and agencies in placement efforts; and providing improved guidance and placement services for disadvantaged students.

SB005818

A Regional Placement Program.
Project Director: Speegle, Kennard
Organization: Wenatchee Valley Coll., Wash.

This project will develop and implement a cooperative interdistrict regional placement effort in Eastern Washington using the Employment Security Job Bank as an additional data service for improving placement and follow-up of occupational program students. Project objectives include providing information about job opportunities, placement success, and job retention to students and staff and increasing the number of placements of disadvantaged and minority students.

SB005819

Career Awareness.
Organization: Puyallup Public Schools, Wash.
Contract and/or Control No.: E-31-149

As part of a career development and occupational awareness program, this project is designed to develop in elementary children positive attitudes toward work and provide students with firsthand experience with jobs, workers, and the work environment. Project objectives include increasing elementary students' awareness of the wide range of careers and vocations available to them, increasing the students' ability to see relevance between curriculum learning and real life, and providing opportunities to experience the pride of accomplishment and feelings of success in work well done.

SB005820

Tri-Cities Area Developmental Vocational Information Project.
Project Director: Adams, Leslie
Organization: Kennewick School District 17, Wash.
Contract and/or Control No.: E-41-201

The objectives of this project designed to meet the career information needs of students in grades 6-9 are to train twenty-seven teachers in nine area junior high schools in the use of occupational information guidance concepts, use these teachers to prepare informational guidance units of instruction for their normal curriculum, develop a mobile unit to provide the resource materials for each of the area schools, and produce curricula guides relating to this project.

SB005821

Pre-Vocational Program in Lower Elementary.
Organization: Liberty School District 362, Spangle, Wash.
Contract and/or Control No.: E-31-107

The purpose of this project is to establish and implement a prevocational program for students in grades 1-3 at East Liberty and West Liberty elementary schools. Project objectives are to develop in students a positive self-concept and positive attitudes towards others and work; introduce the world of work including jobs at home, school and in the community; and present occupational information to family members, school staff, and the community.

SB005822

Occupational Awareness - Middle School.
Organization: Marysville School District, Wash.
Contract and/or Control No.: E-31-140

The purpose of this project is to familiarize middle school students with a broad range of occupations, the skills required, and the preparation necessary for entry into specific occupations. An occupational-vocational guidance teacher will be employed to orient a select group of middle school teachers in specific occupational areas to act as resource people for middle school students.

SB005823

Career-Oriented Education.
Organization: Seattle Public Schools, Wash. Occupational Education Task Force.
Contract and/or Control No.: E-31-172

This project is designed to implement career education as an integral part of the K-12 curriculum. Specific objectives include identifying and developing the concepts related to developing an appreciation for work experiences; obtaining parental involvement; providing an opportunity for students in various ethnic groups to learn about work; and providing learning situations to help students explore personal attitudes and aptitudes, identify kinds of employment opportunities, and identify skills and knowledge needed to qualify for particular jobs.

SB005824

Central Occupational Information Services.
Organization: Seattle Public Schools, Wash. Occupational Education Dept.
Contract and/or Control No.: E-31-169

As a part of an effort to implement career education as an integral part of the K-12 curriculum, this project will identify and provide needed career information to students, teachers, counselors, administrators, and parents; enable students in grades K-12 to become knowledgeable about the types of work in various occupations; and enable students to become aware of numerous occupations and compare them in terms of qualifications, academic prerequisites, and future opportunities.

SB005825

Occupational Opportunities for Life.
Organization: South Kitsap School District, Port Orchard, Wash.
Contract and/or Control No.: E-31-111

The general objectives of this project are to enable students before they leave school to develop basic saleable skills and provide them with background information for selecting and preparing themselves for wage earning jobs. Specific objectives include introducing students to the world of work, developing occcupational awareness, developing positive work attitudes, and developing occupational awareness as an integral curriculum theme.

SB005826

Career Opportunities Survey and Guidance System Development.
Project Director: Brooks, James
Organization: Vancouver School District 37, Wash.
Funding Period: Start Date 15 Aug 71; End Date 30 Jun 72
Contract and/or Control No.: E-31-174

The goals of this project are to survey the status of occupational guidance in the Vancouver schools, grades K-12, to identify the strengths and weaknesses; survey the occupational needs of the community and the career interests of students; and design a total occupational guidance system for the district including a projected

timetable for implementation, recommended personnel needs, software, hardware, and delivery of services.

SB005827

Minority Affairs Director.
Project Director: Cruz, Rudy
Organization: Washington State Board for Community Coll. Education, Olympia.

The objectives of this project are to provide an alternative informational source about vocational and career education for Spanish-speaking people in selected community college districts by distributing 4,000 brochures concerning vocational opportunities to Spanish-speaking communities; identify resource people at the community colleges for Spanish-speaking people to contact for further information; and inform Spanish-speaking people about vocational and career education programs for themselves and for their children.

Fiscal Year 1973

SB005828

Operation Zero In.
Project Director: Bergstrom, Carl M.
Organization: Washington State Community Coll. District 12, Olympia.

The goal of this project is to increase the use of the placement opportunities for Centralia College and Olympia Vocational-Technical Institute students. Project objectives include increasing the number of placements of leaving students including disadvantaged and minority students; providing the community with information on job opportunities, placement success, and job retention of the occupational programs; and increasing the number of contacts between the employers in Thurston and Lewis Counties and students.

SB005829

Placement Office.
Organization: Grays Harbor Community Coll., Aberdeen, Wash.

Descriptive information unavailable.

SB005830

Job Placement and Follow-Up.
Project Director: Beil, Leonard W.
Organization: Peninsula Community Coll., Port Angeles, Wash.

The objectives of this project include providing assistance to present and former students of Peninsula College in job placement by using the Employment Security Department listings of daily job openings; developing a liaison between Community College District No. 1 employers and Peninsula College to acquaint students with employment opportunities, acquaint employers with community college-trained personnel, and determine present and long-range personnel needs; and providing current, accurate information on the job placement of former students.

SB005831

Vocational Job Placement and Follow-Up Project.
Organization: Seattle Community Coll., Wash.

This project intends to improve placement and follow-up activities, interfacing these activities with the Puget Sound Regional Placement Office Project operated by Green River Community College. Specific objectives include increasing the number of placements of terminating and graduating students, including disadvantaged and minority students; providing more accurate and timely follow-up information to the participating districts; and providing statistical information about job opportunities, placement success, and job retention to students, staff, and appropriate high school personnel.

SB005832

Placement and Followup Services.
Organization: Skagit Valley Community Coll., Mount Vernon, Wash.

Descriptive information unavailable.

SB005833

Job Placement and Followup.
Organization: Washington Community Coll. District 6, Seattle, Wash.

Descriptive information unavailable.

SB005834

Career Program Information Clearinghouse.
Organization: Puget Sound Regional Planning Council, Tacoma, Wash.

Descriptive information unavailable.

SB005835

Develop Systematic Placement Program Cooperatively.
Organization: Eastern Washington Regional Placement Consortium, Cheney.

Descriptive information unavailable.

SB005836

A Regional Placement Program.
Project Director: Speegle, Kennard
Organization: Southwest Washington Regional Placement Consortium, Wash.

This project will develop and implement a cooperative interdistrict regional placement effort in Eastern Washington using the Employment Security Job Bank as an additional data service for improving placement and follow-up of occupational program students. Project objectives include providing information about job opportunities, placement success, and job retention to students and staff and increasing the number of placements of disadvantaged and minority students.

SB005837

Minority Affairs Director.
Project Director: Cruz, Rudy
Organization: Washington State Board for Community Coll. Education, Olympia.

The objectives of this project are to provide an alternative informational source about vocational and career education for Spanish-speaking people in selected community college districts by distributing 4,000 brochures concerning vocational opportunities to Spanish-speaking communities; identify resource people at the community colleges the Spanish-speaking people can contact for further information; and inform Spanish-speaking people about vocational and career education programs for themselves and for their children.

SB005838

Career Orientation and Exploration in Middle Schools.
Project Director: Belko, Lawrence R.
Organization: Bellingham School District 501, Wash.
Funding Period: Start Date 5 Sep 72; End Date 8 Jun 73
Contract and/or Control No.: E-32-411

This project will implement career orientation and exploration programs consisting of occupational information centers in school libraries, field trips to selected industries, and a speakers bureau providing speakers on topics of student interest. Project objectives include expanding student interest in and an awareness of the world of work, encouraging adoption of orientation and awareness programs to become an integral part of the curriculum, and informing students of requirements for different kinds of employment.

SB005839

Decision Making Through Career Awareness.
Project Director: Berry, Margaret
Organization: Bremerton School District 100-c, Wash.
Funding Period: Start Date 1 Sep 72; End Date 15 Jun 73
Contract and/or Control No.: E-32-435

This project plans to begin a three-year program to develop through career counseling a decision-making model for students in grades 1-12. Project objectives are to develop in the participating students decision-making skills, interpersonal relations skills; and an early awareness of why people work, of the numerous career clusters in the world of work, and of career demands.

SB005840

Career Awareness.
Project Director: Hendrix, Louis E.
Organization: Everett School District 2, Wash.
Funding Period: Start Date 24 Aug 72; End Date 15 Jun 73
Contract and/or Control No.: E-42-472

This project proposes to initiate a task force of educators (K-12) to develop a sequential career education program for Everett and Marysville School Districts. An extensive four-day inservice program will be conducted to develop career related activities to be tested and evaluated during the year. Project goals are to develop in each student positive attitudes about the personal and social significance of work, develop and expand pupils' knowledge about a wide variety of occupations, and assist students to develop their career aspirations.

SB005841

Early Vocational Awareness.
Organization: Highline Public Schools, Seattle, Wash.

Descriptive information unavailable.

SB005842

A Proposal to Develop an Exemplary Vocational Education Guidance and Placement Program in the Tri-City Area.
Project Director: Adams, Leslie R.
Organization: Kennewick School District 17, Wash.
Funding Period: Start Date 1 Sep 72; End Date 15 Jun 73
Contract and/or Control No.: E-32-386

The purpose of this project is to develop a career education and placement program which would provide for an articulation plan and information and placement activities for the Tri-City area school districts. Project objectives are to develop and implement a plan for elementary and junior high/middle school teachers and programs to articulate their career education programs, a program to make students aware of occupational education classes and class content, and a model placement activity for high school students who have completed entry level training activities.

SB005843

Career Education Sequential Development K-12.
Project Director: Sweeney, Janet L.
Organization: Marysville School District 25, Wash.
Funding Period: Start Date 24 Aug 72; End Date 15 Jun 73

The objective of this project is to develop a sequential K-12 career awareness program to familiarize students with the wide range of occupations, the role of the workers, job relationships, work concepts, and introductions to skills and enable students to gain a greater awareness of themselves and see the relevance for learning. The program will include career exploration, acquisition of work concepts, use of learning packets and "hands on" experiences in a vocational classroom or resource area.

SB005844

Interdisciplinary Teaming Career Education Program.
Organization: North Kitsap School District 400, Poulsbo, Wash.

Descriptive information unavailable.

SB005845

Career Exploration Core.
Project Director: Stueckle, Reuben
Organization: Puyallup School District 3, Wash.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: E-32-419

The purpose of this project is to develop a career exploration core program for junior high schools. Project objectives include enabling the students to perform basic skills in landscaping, plastics, metals, woodworking, and homemaking and gain a basic knowledge of job opportunities and tasks in these areas; developing in the students a positive attitude toward work; and providing students with information about the occupational training available to them in the South Puget Sound area.

SB005846

Development of a Career Exploratory Program for Students Enrolled in Grades 6, 7, 8, and 9.
Project Director: Fox, Dury
Organization: Renton School District 403, Wash.
Funding Period: Start Date 4 Sep 72; End Date 30 Jun 73
Contract and/or Control No.: E-32-348

The primary purpose of this project is to develop a comprehensive, articulated career development program for students in grades 6-9. Objectives include determining demand occupations according to the local, state, and national labor market; determining student interests relative to occupational choice; developing learning activity packets for the concept-skill clusters identified with business education and industrial arts; and conducting inservice training for teachers in home and family life, business education, and industrial arts.

SB005847

Career Awareness Program at Sacajawea (CAPS).
Project Director: Shawen, Robert
Organization: Spokane School District 81, Wash.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 74

The goals of this project are to increase students' knowledge of careers and career requirements and introduce career information into the curriculum via the production of twenty-five to thirty-five mini-units in careers per month. This project will involve staff and students in producing mini-units, TV tapes, and a resource center. Community resource people will discuss occupations with the students.

SB005848

Yakima Junior High School Career Exploration Program.
Project Director: Edmison, Glen
Organization: Yakima School District 7, Wash.
Funding Period: Start Date 1 Aug 72; End Date 30 Jun 73
Contract and/or Control No.: E-32-458

The goals of this project are to implement a career education program for the junior high schools in the Yakima School District 7 and provide a collection of career materials to each school. A workshop will be conducted to orient the existing staff to the proposed career exploration program and materials and train the teachers to integrate career exploration into existing curriculum.

SB005849

Puget Sound Regional Community College Placement Center Office Consortium.
Organization: Puget Sound Regional Placement Association, Tacoma, Wash.

This project will fund a placement office of Grays Harbor College and enable it to join the Puget Sound Regional Community College Placement Office consortium. The goals include increasing the number of placements of terminating and graduating students including disadvantaged and minority students; rendering services to students seeking part-time employment; and providing students, staff and appropriate high school personnel information about job opportunities, placement success, and job retention for the offered occupational programs.

Fiscal Year 1974

SB005850 VTP-1258

Vocational Enrollment Forecasting Project
Project Director: Mundt, John C.
Organization: Washington State Board for Community Coll. Education, Olympia.
Funding Period: Start Date 4 Sep 73; End Date 30 Jun 74

Included in the objectives of this project are developing and establishing a system model for implementing an enrollment forecasting program; establishing criteria for developing district vocational priorities; and developing an analysis procedure to determine whether the current instructional procedures, facilities, and equipment can meet projections. The Human Resources Planning Institute will assist in developing the forecast model and establishing state-wide forecasts of job market demands.

SB005851 VTP-1260

K-12 Career Awareness/Exploration Program.
Project Director: Wing, Roger M.
Organization: Bellevue Public Schools District 405, Wash.
Funding Period: Start Date 1 Sep 73; End Date 30 Jun 74

The objectives of this project are to develop and implement new K-12 Career Awareness/Exploration programs and modify and expand existing programs. Procedures will include developing goals, objectives, and major concepts for such a program; providing orientation to career education for educational staff; and evaluating and completing curriculum development for existing pilot programs.

SB005852 VTP-1256

Continuation of Career Awareness Project K-12 for Cusick School District No. 59.
Project Director: Ailor, Stewart
Organization: Cusick School District 59, Wash.
Funding Period: Start Date 4 Sep 73; End Date 30 Jun 74

The purposes of this project are to continue career awareness activities in grades K-12, provide students with current career information, and increase the students' knowledge of the world of work. Goals of this project include continuation of the career center, teacher exchange and sharing with other districts, and career program within the school curriculum. The project will further implement vocational counseling and testing.

SB005853 VTP-1259

Career Centered Education K-9.
Project Director: Carlson, Janet
Organization: Marysville School District 25, Wash.
Funding Period: Start Date 5 Sep 73; End Date 10 Jun 74

The objectives of this program are to assist students in evaluating their interests, needs, and educational capabilities as they relate to occupational goals; increase guidance, counseling, and testing; and establish a Career Resource Center. Procedures will include developing a Resource Library, compiling a bibliography of district resource materials, and producing a monthly bulletin of career education resources and information.

SB005854

Interdisciplinary Career Education K-12.
Project Director: Shotwell, Dale
Organization: North Kitsap School District 400, Poulsbo, Wash.

This project proposes to develop an interdisciplinary career education program in grades K-12. At the elementary level, career education will be introduced through marine science and environmental awareness to familiarize elementary students with a broad range of occupations. On the junior high level, learning packages to relate career education to the curriculum will be developed emphasizing [illegible] different career cluster areas. The secondary career education program will involve students in learning work and consumer skills, learning about a number of occupational fields, developing favorable attitudes toward work and occupation selection, and exploring occupational clusters.

SB005855 VTP-1257

Career Exploration at Shaw Junior High.
Project Director: Mattson, Homer
Organization: Spokane School District 81, Wash.
Funding Period: Start Date 4 Sep 73; End Date 1 Jun 74

This project will increase the number of career exploration programs and student awareness of careers. A design team concept will be used to plan and develop project activity and work with individual teachers. Procedures will include using subject area leaders to coordinate project activities in their respective areas and establishing a Library Career Information Center to make information available to students.

SB005856

Development, Implementation, and Evaluation of a Career Education Program. Phase III.
Project Director: Fox, Dury
Organization: Renton School District 403, Wash.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objectives of this project include informing elementary teachers of the career awareness packages and middle school teachers of the career exploratory packages that have been developed and field tested; providing inservice training for selected elementary teachers to develop further learning activity packages and plan for coordinating and articulating programs; and providing workshops for participating middle school teachers to identify student managed activity and determine appropriate self-instructional media, evaluation design, and general equipment needs.

SB005857

Project TRY Career Information Center.
Project Director: Barner, Harry
Organization: Olympia School District 111, Wash.
Funding Period: Start Date 1 Sep 73; End Date 10 Jun 74

The purpose of this project is to offer career guidance services to the neglected majority of students who need special assistance in planning for work or post-high school training. Project objectives include helping to find employment for 75 percent of the senior high school students who need and wish to be employed in a full-time or part-time job position, providing job information regarding their career interests, and developing and disseminating a community resource guide to all secondary staff.

SB005858

Model Placement Program.
Project Director: Marble, James E.
Organization: Clark Coll., Vancouver, Wash.
Funding Period: Start Date 1 Jan 72; End Date 30 Sep 73

This is a three-phase project to prepare for the development of a comprehensive information system with immediate access capability. Phase I will consist of updating the information resources to make them useful and available in every community college district. Phase II will study the feasibility of a state-wide system to serve junior high school, high school, community college, and adult students through use of on-line terminals to available computer resources. Phase III will consist of developing the terminal access programs necessary to mount the system for students and adults of the community.

Fiscal Year 1975

SB005859 VTP-1829

Specialized Career Guidance for Dropouts.
Project Director: Winegar, Floyd
Organization: Yakima School District 7, Wash.
Funding Period: Start Date 1 Aug 74; End Date 30 Jun 75

To encourage a greater number of high school dropouts to return to school or enter alternative educational programs or become employed, a coordinator will continuously contact and discuss future vocational experiences with at least 400 potential or actual school dropouts from seven of the Upper Yakima Valley Vocational Cooperative high schools.

SB005860 VTP-1826

A Basic Mathematics Skills Laboratory Program for Adults.
Project Director: Spangler, Richard
Organization: Tacoma Community Coll., Wash.
Funding Period: Start Date 1 Sep 74; End Date 31 Oct 75

Planning and developing an individualized program in basic mathematical concepts and skills for disadvantaged youths and adults is the objective of this project. Procedures will include acquiring the needed learning kits, preparing programmed instructional sequences for individualized use, evaluating use of the prepared materials with disadvantaged individuals, and disseminating the prepared program to interested institutions in Washington.

SB005861 VTP-1830

Project REPRO.
Project Director: Jacobson, Albert

Organization: Edmonds Community Coll., Lynnwood, Wash.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

A program of repetitive instruction will be conducted to train ten developmentally disabled nonreaders in the operational, survival, and work adjustment skills needed as copy machine operators. To develop students to a level of feasible employment, operations will be taught in ascending difficulty through repetition. Procedures will include visitations to other existing programs and evaluation and recruitment of trainees.

SB005862 **VTP-1831**

Wildlife Conservation and Recreation Curriculum Guide.
Project Director: Fisher, George
Organization: Selkirk High School, Ione, Wash.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

The purpose of this project is to develop a wildlife conservation and recreation curriculum guide at Selkirk High School suitable for statewide application. By using an eighty-acre outdoor classroom as a demonstration center, materials, lab skills, and demonstrations will be field tested by students. The guide will include problem solving and student participation activities. Job and career opportunities will be explored.

SB005863 **VTP-1832**

Recreational Area Management and Program Development.
Project Director: Penhallegon, William J.
Organization: Wenatchee Valley Coll., Wash.
Funding Period: Start Date 1 Sep 74; End Date 30 Jun 75

This project is designed to increase the student enrollment and improve the recreational management skills program. In cooperation with state and local agencies, the college will lease, renovate, and replace equipment at Squilchuck State Park to develop a program for students to learn the management and teaching skills necessary for employment in the skiing industry.

SB005864 **VTP-1840**

Intensive Care for Nursing Personnel.
Project Director: Siebert, Sheila
Organization: Skagit Valley Coll., Mount Vernon, Wash.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

This project proposes to increase the number of qualified Intensive Care Unit (ICU) nurses and compare and test the two methods for providing the necessary ICU training. The first method will be the traditional classroom instruction involving lectures and question-answer sessions given by medical doctors. The second instructional method will use the videotape presentation of the first sessions, with a coordinator present to respond to questions.

SB005865 **VTP-1932**

Industrial Plastics Tape-Slide Instructional Series.
Project Director: Pommert, Robert C.
Organization: Puyallup School District, Wash.
Funding Period: Start Date 1 Jul 75; End Date 31 Aug 75

This project proposes to develop a slide/tape program, not presently available that will clearly present one concept or operation in vocational industrial plastics. The project will produce one or more slide/tape programs that are inexpensive and easily updated on the subjects of basic concepts and operations and specific instructions on building a training project.

SB005866 **VTP-1931**

Welding Theory Seminar.
Project Director: Williams, David A.
Organization: Lower Columbia Coll., Longview, Wash.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

The purpose of this project is to add a section on welding background and theory that will meet the suggestions of students and trade leaders. The class will be instituted with no prerequisites, and the course format will be comprehensive enough to satisfy the three groups of people in the problem areas.

SB005867 **VTP-1930**

Entry Level Skill Development.
Project Director: Marble, Phyllis
Organization: Lower Columbia Coll., Longview, Wash.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

This project will increase the use of the study skills center and Learning Resource Center for developing basic skills needed for entry into six vocational programs. By purchasing or developing and administering specific diagnostic pretesting instruments, the staff can identify students lacking the necessary skills and determine the skills needed for entering the chosen program.

SB005868 **VTP-1929**

In-Service Training for Vocational Faculty.
Project Director: Vasher, Marvin L.
Organization: Whatcom Community Coll., Bellingham, Wash.
Funding Period: Start Date 2 Jan 75; End Date 30 Jun 75

To increase the number of vocational faculty that have teacher training, this planned inservice will be implemented on an individual basis and administered by the Director of Program Implementation for the assigned area of the faculty member.

SB005869

Self-Study Model for Distributive Education.
Project Director: Riggs, Walter A.
Organization: Washington Office of the State Superintendent of Public Instruction, Olympia.
Funding Period: Start Date 1 Feb 75; End Date 30 Jun 76

This project intends to establish exemplary models for distributive education (D.E.) by adapting the Texas self-study materials to the D.E. programs. These materials are directly related to a D.E. student's career objectives and are designed to supplement the basic core curriculum. The project will determine how much total learning time is needed for each self-study unit, how much daily and weekly time is necessary for most effective learning to occur, how the student uses the self-study time, and how the teacher uses supervision time.

SB005870

Project PRIDE.
Organization: Palouse High School, Wash.

Descriptive information unavailable.

SB005871 **VTP-2055**

Cadre Training: Career Guidance
Project Director: Patton, C. Duane
Organization: Central Washington State Coll., Ellensburg. Center for Career Studies.
Funding Period: Start Date 15 Apr 75; End Date 31 Jul 75

The objectives of this project include identifying and validating a list of career guidance competencies needed by teachers and developing instructional packages to be used by teachers based on identified career guidance competencies. This project will also conduct a pilot workshop to field test an inservice workshop and prepare cadres in Region X states to conduct career guidance inservice activities.

SB005872

Child Care Training-Correspondence/Extension Program.
Organization: Everett Community Coll., Wash.

Descriptive information unavailable.

SB005873

Management Experience Project.
Project Director: Beggs, Harold
Organization: Grand Coulee Dam School District 301J, Wash.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76

This project will provide for a feasibility study and initial operation of the concession stand and gas service station at Spring Canyon National Recreation Areas by the Vocational Education Department at Lake Roosevelt High School, in cooperation with the National Park Service. Under this project the VICA Club and the Diversified Occupations students will assume the responsibility of operating the concession stand and gas service. Through this experience the students will gain management and merchandising skills. School credits

will be given to students who participate in the project.

SB005874

Increasing Business Education Opportunities.
Project Director: Kjosnes, Iva
Organization: Zillah High School, Wash.
Funding Period: Start Date 15 Jun 75; End Date 30 Jun 76

This project will develop multimedia self-instructional materials in business and office education (BOE) to provide greater opportunities for students to enroll in business and secretarial courses and increase course offerings. The BOE instructor will prepare individualized materials for typing, business machines, office procedures, bookkeeping, record keeping, and shorthand. Funds from this project will be used also to purchase audiovisual aids necessary to carry out an individualized program.

SB005875

Vocational-Technical Symposium.
Project Director: Patton, Duane
Organization: Central Washington State Coll., Ellensburg.
Funding Period: Start Date 4 May 75; End Date 20 May 75

This project will fund a school-wide vocational education symposium incorporating the theme "Surplus in Quantity, Shortage of Quality." Recognized national leaders in vocational education will interact with students, faculty, community college and public school teachers during the conference at Central Washington State College.

SB005876

Marine Resources as an Instructional Unit in Vocational Agriculture and Renewable Resources.
Project Director: Ruthemeyer, Robert
Organization: Ocosta School District 172, Wash.
Funding Period: Start Date 15 Aug 75; End Date 30 Sep 76

The objective of this project is to place 25 percent of Ocosta High School's vocational agriculture students in a marine related job during the summer of 1976. To prepare the students for this job placement, the students will participate in a Marine Science course including Methods of Fishing; Dressing, Care, and Preparation of Seafoods; and Customer Relations. Local marine resource persons will be selected to augment the instructional program and evaluate the students' knowledge of marine resources.

SB005877

Columbia Basin Jobs Project.
Project Director: Mason, Robert
Organization: Big Bend Community Coll., Moses Lake, Wash.
Funding Period: Start Date 1 Sep 75; End Date 15 Jun 76

The purpose of this project is to design curriculum that will provide developmentally disabled trainees with the interpersonal and relation-to-authority behavioral conduct that will enable them to succeed on the job. A consultant familiar with the target population will prepare component curriculum requirements including driver's education, specialized skills training for entry-level vacancies in the food processing industry in Grant County, general marketable skills, and living/social skills necessary for successful integration into the community and work environment.

SB005878

Continuation Special Project on Development of an Instrument for Prescribing Compensatory Education for Vocational-Technical Trainees.
Organization: Renton Vocational-Technical Inst., Wash.

Descriptive information unavailable.

SB005879

CDIP - Cross Discipline Inservice Program.
Project Director: Holmes, John
Organization: Shelton School District 309, Wash.
Funding Period: Start Date 1 May 75; End Date 30 Jun 76

The objective of this two-phased project is to develop an inservice manual to be used by individual teachers of vocational or special education or as the basis for inservice workshops to help secondary special education students acquire vocational skills. Phase I will develop and revise the curriculum and format for the eighteen-session workshops of Phase II. The second phase of the project will develop, evaluate, and disseminate an inservice manual designed to assist vocational and special education teachers with vocational instruction of special education students.

SB005880 VTP-2248

Cooperative Guide.
Project Director: Cvancara, Joseph G.
Organization: Washington State Univ., Pullman.
Funding Period: Start Date 25 Jun 75; End Date 31 Dec 75

The emphasis of this project is to develop a Vocational Interdistrict Cooperative Guide by collecting data from cooperating districts. Four basic areas will provide the initial data: present organization of cooperatives and alternative methods, implementation procedures, model of financial arrangements and commitments, and an operational model. A survey instrument will be developed to gather data.

Fiscal Year 1976

SB005881

Career Exploration for Adults, Recent High School Graduates, and High School Dropouts.
Project Director: Capelli, James
Organization: Clover Park Vocational-Technical Inst., Lakewood Center, Wash.
Funding Period: Start Date 1 Jul 76; End Date 31 Dec 76

The purpose of this project is to provide thirty adults and recent high school graduates the opportunity to explore thirty specific vocational career fields to assist them in identifying specific career goals and the means of making maximum use of available training opportunities. The students will choose one of five groups of related vocations to explore during a three-week summer session. In the six training programs open to the students within the cluster, the students will handle the tools and equipment and work on realistic training projects.

SB005882

Leadership Identification for Vocational Youth Organizations.
Project Director: McLaughlin, Robert
Organization: Yakima School District 7, Wash.
Funding Period: Start Date 5 Jul 76; End Date 30 Jun 77

This project will identify and prioritize the student leadership qualities developed by vocational youth organizations. Trade, industrial, and business personnel and vocational directors and teachers will be polled on a state-wide basis to identify ten to twenty-five leadership qualities necessary to be taught and nurtured by vocational youth activities.

SB005883

Presenting Local Employment Opportunities and Related Training Programs Through Filmstrip.
Project Director: Yormack, Ben
Organization: Highline Public Schools, Seattle, Wash.
Funding Period: Start Date 1 Apr 76; End Date 30 May 77

This project intends to increase the awareness of high school students of the relationship between local occupational opportunities and available related training programs. A pilot filmstrip will be produced which depicts the major categories of employment opportunities in the greater Seattle labor market and relates them to local training opportunities offered at the secondary and postsecondary level.

SB005884

Productive Job Search.
Project Director: Hales, F. Leigh
Organization: Spokane Community Coll., Wash.
Funding Period: Start Date 1 Feb 76; End Date 31 May 76

This project seeks to implement an innovative, positive approach for increasing the skills and capabilities of unemployed and underemployed adults in the Spokane area for finding a job or improving their employment status. The objectives to be implemented in two ten-session programs include providing the individuals with relevant information about the current and future Spokane labor market, and encouraging them to believe in and realize their personal abilities and experiences and relate these in a positive manner to the current labor market.

SB005885

Project Interaction - A Community Resource Program for Students in Sequim School District.
Project Director: Thatcher, Rita
Organization: Sequim School District, Wash.
Funding Period: Start Date 9 Apr 76; End Date 30 Aug 76

This project will develop a vocational resource directory and slide/tape program of individuals and groups in the Sequim Community who represent a wide diversity of occupations and careers and are willing to form a speakers' bureau for students in the Sequim School District. Members of Kiwanis, Rotary, Home Builders Association, county agencies, and other community groups will be contacted to participate as volunteer speakers with students about particular occupations. The directory will also include related interest groups, field trip ideas, related career areas, and state/federal contacts.

SB005886

Dental Auxiliary: Instructional Development Project.
Project Director: Svien, Joanne
Organization: Edmonds Community Coll., Lynnwood, Wash.
Funding Period: Start Date 1 Mar 76; End Date 30 Jun 76

The goal of this project is to develop five self-instructional modules for a dental assisting program. Specifically, the project will develop model curricula for all categories of dental auxiliaries and develop implementation plans for the model portable curricula. The Kellogg Allied Health Education Project of the Office of Research in Medical Education and Edmonds Community College will share the responsibility of developing modules covering Rubber Dam Application, Coronal Polish, Intral Inspection, Amalgam Polishing, and Application of Matrices and Wedges.

SB005887

Operation Restore.
Project Director: Parker, Dick
Organization: Yakima Valley Opportunities Industrialization Center, Wash.
Funding Period: Start Date 1 Feb 76; End Date 30 Jun 76

This project will develop a model training program for dropout students designed to equip them with skills, information, and experience in preparation for a career in custodial and building maintenance. Core curriculum will include an introduction to information and charts on equipment, supplies and custodial operations; workshops and demonstrations on the use of equipment, wet and dry floor cleaning, and wall and window cleaning; and the application of information and skills through on-the-job experiences.

SB005888

Meaningful Industrial Training and Employment (MITE).
Project Director: Jacobsen, Carl
Organization: Community Services for the Handicapped, Seattle, Wash.
Funding Period: Start Date 1 May 76; End Date 31 Oct 76

The goal of this project is to place at least fifteen developmentally disabled unemployed, or substantially underemployed, people in individualized on-the-job training sites. Specific objectives include increasing the income and skills levels of all the trainees, improving the self-image of the trainees through meaningful on-the-job training work situations, and positively changing the attitudes of involved employers toward the vocational abilities of the developmentally disabled.

SB005889

Improving Vocational Opportunities by Relating the Community to the Classroom Through the Use of Video Tape.
Project Director: Kjosnes, Iva
Organization: Zillah High School, Wash.
Funding Period: Start Date 1 Jun 76; End Date 30 Jun 77

To increase student interest in vocational classes, this project intends to provide better learning opportunities through additional audio-tutorial visual aids. The project will contact various businesses and through the use of videotape will bring back to the classroom actual employee experiences for students to view. These audiovisual aids will provide firsthand job information and individualized learning experiences that will allow the students to proceed at their own rates and strengthen the school's relationship with the community.

SB005890

Cooperative Guide.
Project Director: Cvancara, Joseph G.
Organization: Washington State Univ., Pullman.
Funding Period: Start Date 25 Jun 75; End Date 30 Dec 75

The purpose of this project is to develop a vocational interdistrict cooperative guide for the state. The primary emphasis in developing the guide will be to collect firsthand data from cooperating districts. The guide will provide the initial steps in planning a cooperative including information about the organization of present cooperatives and alternative programs and provide a means for implementation, a model for managing the financial arrangements and commitments, and a model for operation.

SB005891

Columbia Basin Jobs Project.
Project Director: Mason, Robert
Organization: Big Bend Community Coll., Moses Lake, Wash.
Funding Period: Start Date 1 Sep 75; End Date 15 Jun 76

The purpose of this project is to design curriculum that will provide developmentally disabled trainees with the interpersonal and relation-to-authority behavioral conduct that will enable them to succeed on the job. A consultant familiar with the target population and training activities supported by Vocational Rehabilitation will be employed to prepare component curriculum requirements including driver's education, specialized skills training for entry-level vacancies in the food processing industry in Grant County, general marketable skills, and living/social skills necessary for successful integration into the community and work environment.

SB005892

Custodial In-Service Training.
Project Director: Edwards, Frank
Organization: Edmonds Community Coll., Lynnwood, Wash.
Funding Period: Start Date 1 Sep 75; End Date 30 Apr 76

This project will develop a custodial inservice training program that will be a self-taught, self-paced modular program aimed specifically toward upgrading the skills of custodians and maintenance people presently working in the field. The program will consist of eleven five-hour modules with a backup package consisting of a job title, lesson plan, pretest, information sheets, assignment sheets, operation sheets, job sheets, and a posttest. It will also include experiments to be individualized and self-evaluated.

SB005893

Health Technican Aide Program.
Project Director: Hayes, H.
Organization: Skagit Valley Coll., Oak Harbor, Wash.
Funding Period: Start Date 2 Sep 75; End Date 30 Jun 76

This project proposes to revise the high school nurse aide/orderly program using the cluster approach to prepare high school students, upon graduation, to qualify for an entry-level position in a health occupation or motivate them to seek an advanced level of training in a health field. Specific objectives include increasing the awareness of the students in the health occupations program of four health careers and maintaining and improving the articulation between the secondary school districts, health care facilities, and the community college.

SB005894

Exploring Vocational Education in a Vocational-Technical Institute.
Project Director: Wallin, Arthur
Organization: Clover Park School District 400, Lakewood Center, Wash.
Funding Period: Start Date 1 Sep 75; End Date 31 May 76

This project is designed to provide ninety students from Clover Park and Lakes high schools the opportunity to explore thirty specific vocational career fields to assist them in identifying the specific vocational career cluster which best fits their interests and abilities. The students will choose one of five clusters to explore during the tri-semester. In the six training programs open to the students within the cluster, the students will handle the tools and equipment and work on realistic training projects.

SB005895

Career Exploration and Career Awareness Model–An Upper Grade to Lower Grade Approach.
Project Director: Morris, Catherine
Organization: Liberty School District 262, Spangle, Wash.
Funding Period: Start Date 15 Oct 75; End Date 1 Jun 76

A program of career awareness and exploration in the field of computer science will be developed as a result of this project. The program for secondary students will include an orientation to the business world, experience with financial areas including an emphasis on accounting-bookkeeping sequences, and real and exploratory experiences in computer science including instruction in computer programming and key punching. A slide/tape series covering all phases of the program will be developed.

SB005896

Nurses Talk to Nurses.
Project Director: Corbin, Judy
Organization: Skagit Valley Coll., Mount Vernon, Wash.
Funding Period: Start Date 15 Oct 75; End Date 15 Sep 76

This project will seek to bring college and community nursing personnel together in a joint effort to prepare and field test videotaped continuing education materials covering the use of successful nursing techniques. As part of a continuing education program, nursing seminars covering nursing techniques including using patient histories, working with geriatric patients, and using laboratory data to determine nursing care will be presented by practicing nurses and videotaped for student use on an individual basis.

SB005897

Articulation III.
Project Director: Suver, J. Allen
Organization: Washington Council of Local Administrators.
Funding Period: Start Date 6 Nov 75; End Date 30 Nov 75

This project will fund the third of a series of articulation meetings for vocational directors in the Washington Council of Local Administrators (WCLA). These seminars are designed to improve the directors' abilities to design and execute local inter-institutional vocational program articulation projects in at least one major curriculum area and develop state guidelines for articulation in all vocational curriculum areas.

SB005898

Cooperation for Careers.
Project Director: Hughes, Don
Organization: Centralia Coll., Wash.
Funding Period: Start Date 3 Nov 75; End Date 31 May 76

This project intends to develop packets of written materials to inform students and adults of the career services offered at the Centralia College career center in an effort to increase the number of high school students and nonenrolled adults using the career center. College counseling staff will deliver the packets to high school counselors and representatives of Employment Security, Public Assistance, Mental Health, and other public agencies and show a slide/tape presentation describing the career center as part of an information campaign.

SB005899

Meeting Individual Needs of Disadvantaged Students (MINDS).
Project Director: Holzapfel, Warren
Organization: Peninsula School District 401, Gig Harbor, Wash.
Funding Period: Start Date 2 Jan 76; End Date 31 Dec 76

The purpose of the first phase of this project is to redesign the present home and family life curriculum to meet the individual needs of disadvantaged students. From the results of a community survey, home and family life teachers will list the essential living skills in home and family life and redesign the curriculum according to the objectives listed for each area of study.

SB005900

Mobile Automatic Transmission Training Project (MATT PROJECT).
Project Director: Westlund, Don
Organization: Clark Coll., Vancouver, Wash.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 77

This project is designed to demonstrate the feasibility of four community college districts sharing the use, for instructional purposes, of a high-cost automatic transmission testing machine. This project will increase the use of this test equipment and greatly enrich the auto mechanics instructional program. Instructors at each school will participate in training sessions to become knowledgeable about the equipment operation and maintenance. This project will also provide an effective hands-on training program at a greatly reduced cost.

SB005901

Pre-Electronics Study Unit.
Project Director: Schuneman, Fred
Organization: Peninsula Community Coll., Port Angeles, Wash.
Funding Period: Start Date 1 Sep 75; End Date 31 May 76

The purpose of this project is to develop study units in basic electronics which can be used by students with limited previous exposure to electronic terminology and electronic theory prior to enrollment in electronic programs at a community college. Self-study packets in basic electronic theory and terminology will be designed to be used under the supervision of a tutor by students from small rural high schools who are deficient in electronics background.

Fiscal Year 1977

SB005902 VTP-2926

Alternative Instruction Modes to Handicapped/Disadvantaged.
Project Director: Golden, John
Organization: Seattle Opportunities Industrialization Center, Wash.
Funding Period: Start Date 1 Mar 77; End Date 31 Mar 78

Main objectives of the project are to produce a library of 225 FLIP PIC learning packages for the following skill areas: auto mechanics, carpentry, filing occupations, office machines, grammatical usage, and business vocabulary and evaluate their effectiveness as an insturctional mode compared to the traditional lecture and textbook method.

SB005903 VTP-2932

A Project to Prepare and Disseminate Information on the Development of an Instrument for Prescribing Compensatory Education for Vocational-Technical Trainees.
Project Director: Willing, Delight C.
Organization: Renton Vocational-Technical Inst., Wash.
Funding Period: Start Date 1 Dec 76; End Date 1 Dec 77

The purpose of the project is to implement thirteen vocational skills checks developed by Renton Vocational-Technical Institute during 1974-1976. A method for communicating check results to students, vocational instructors, and learning resource personnel will be developed. Workshops will be presented to vocational and technical institute and community college staff members.

SB005904 VTP-2983

Education and Work Mini-Conferences.
Project Director: Schmidt, Roy
Organization: Washington State Vocational Guidance Association, Tacoma.
Funding Period: Start Date 1 Mar 77; End Date 1 Jun 78

The project's purpose is to develop procedures for implementing mini-conferences at the local level as a means for upgrading vocational guidance personnel services by increasing their understanding and awareness of local labor market conditions. These procedures will be field tested by sponsoring and supervising five such mini-conferences at selected sites in the state.

WEST VIRGINIA

Part C

Fiscal Year 1971

SB005905 **VTP-294**

Research in Developing a Program in Basic Vocational Studies.
Project Director: Gist, Bernice
Organization: Brooke County Board of Education, Wellsburg, W. Va.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project will provide the Brooke County School System a curriculum design for an ungraded, secondary level vocational education program to meet the educational needs of handicapped youth of that county. The project will cover such elements as curriculum design, administration organization, methods of selecting students, equipment needed, and special training of students.

SB005906 **VTP-171**

The Identification of Competencies of Local Directors of Vocational Education.
Project Director: Coster, John K.
Organization: North Carolina State Univ., Raleigh.
Funding Period: Start Date 1 Oct 71; End Date 31 Aug 72

The objective of this project is to ascertain the competencies needed by an individual to perform as a local director of vocational education. This will be accomplished by analyzing the mission of the State Division of Vocational Education and linkages between the state and local systems, analyzing vocational education systems in five local education agencies, and developing a model of vocational education.

SB005907 **VTP-172**

A Demonstration of Reality Training Through Simulation in Clerical Office Practice.
Project Director: Brooks, Charles T.
Organization: Mercer County Vocational Technical Center, Princeton, W. Va.
Funding Period: Start Date 1 Oct 71; End Date 30 Jun 72

This project will provide simulated office experience in a state demonstration center to prepare students for the world of work. Integrated materials will be used to provide students an opportunity to see how one job relates to another and to provide for individual differences. Students also will learn basic responsibilities of employees and take an active part in training other employees.

SB005908

Six Mini-Grants for Research.
Organization: West Virginia State Dept. of Education, Charleston. Div. of Vocational and Technical Education.

This project will fund six research projects in improving vocabulary and spelling, individualized instruction, home nursing aide training, improving vocational agriculture curriculum use of a home economics practice house, and basic business methods courses.

SB005909 **VTP-453**

Operation Guidance II: Systems Approach for Upgrading Career Guidance Programs (Product Engineering).
Project Director: Suzuki, Warren N.
Organization: Kanawha County Board of Education, Charleston, W. Va.
Funding Period: Start Date 1 Jan 71; End Date 28 Feb 73

The purpose of Operation Guidance II is to develop materials which will help comprehensive urban high schools to upgrade their career guidance programs. Instructional materials, procedures, checklists, evaluative instruments, criterion tests, and resource documents will be developed at the Center for Vocational and Technical Education and field tested at two comprehensive urban high schools.

SB005910 **VTP-568**

Identification of Educational and Training Needs of Unemployed Young Adults in Summers County.
Project Director: Davis, Gene
Organization: Summers County Board of Education, Hinton, W. Va.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 72

The aim of this project is to survey unemployed or underemployed young adults in the area to determine their potential for continued formal education and skill training. Data such as education level, areas of interest, and educational and training needs will be obtained through questionnaires and interviews of school dropouts for the past five years.

SB005911 **VTP-569**

Analysis of Wood County, West Virginia Vocational Education Programs.
Project Director: Marockie, Henry
Organization: Wood County Schools, Parkersburg, W. Va.
Funding Period: Start Date 24 Jan 72; End Date 30 Apr 72

The objective of this project is to determine the status of vocational education in this county and the degree to which vocational program offerings are meeting the needs of the target population. Existing programs will be evaluated and recommendations will be made relative to areas which need to be expanded, added, or discontinued.

SB005912 **VTP-605**

Child Development Curriculum.
Project Director: Lawhon, Delbert A.
Organization: West Virginia Univ., Morgantown. Div. of Family Resources.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 73

The objective of this project is to develop a program to prepare vocational high school home economics students to obtain positions in child development centers which have early childhood education programs.

SB005913 **VTP-604**

Career Education Research-Demonstration Project.
Project Director: Klaus, Mary Louise
Organization: Raleigh County Board of Education, Beckley, W. Va.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 73

This project's purpose is to establish West Virginia's Part C Career Education Development, Testing, and Demonstration Site in Woodrow Wilson High School. The project will focus on a career awareness program in grades K-6, a career orientation program in grades 7-9, improvement of guidance and counseling services at all levels, and the development of a placement service for all students leaving the educational system.

SB005914

Feasibility Study for Vocational Technical Needs in Ohio County.
Project Director: Potter, Roy E.
Organization: Ohio County Schools, Wheeling, W. Va.

County staff, advisory committee, and Board of Education members will be involved in determining and designing appropriate vocational education curricula to be offered in the proposed Ohio County Comprehensive High School and in developing the specifications for facilities and equipment needs.

Fiscal Year 1972

SB005915

Operation Guidance II.
Project Director: Suzuki, Warren N.
Organization: Kanawha County Board of Education, Charleston, W. Va.
Funding Period: Start Date 1 Jan 71; End Date 28 Feb 73

The purpose of Operation Guidance II is to develop materials which will help comprehensive urban high schools to upgrade their career guidance programs. Instructional materials, procedures, checklists, evaluative instruments, criterion tests, and resource documents will be developed at the Center for Vocational and Technical Education and field tested at two comprehensive urban high schools.

SB005916

Child Development Curriculum.
Project Director: Lawhon, Delbert A.
Organization: West Virginia Univ., Morgantown. Div. of Family Resources.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 73

The objective of this project is to develop a program to prepare vocational high school home economics students to obtain positions in child development centers which have early childhood education programs.

SB005917

Career Education Research-Demonstration Project.
Project Director: Klaus, Mary Louise
Organization: Raleigh County Board of Education, Beckley, W. Va.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 73

This project's purpose is to establish West Virginia's Part C Career Education Development, Testing, and Demonstration Site in Woodrow Wilson High School. The project will focus on a career awareness program in grades K-6, a career orientation program in grades 7-9, improvement of guidance and counseling services at all levels, and the development of a placement service for all students leaving the educational system.

SB005918

A Comprehensive Plan for the Development of Vocational Education in Boone County, West Virginia.
Organization: Boone County Board of Education, Madison, W. Va.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: DVE-37-WV-73-E-3

To improve vocational education in Boone County, this project will provide a labor market analysis, assistance in designing appropriate facilities for an expanded vocational education program, plans for community and employer involvement and coordination, curriculum development designed to allow students to enter or exit at any level with specific saleable skills, staff development, and career planning and placement counseling.

Fiscal Year 1973

SB005919

A Comprehensive Plan for the Development of Vocational Education in Cabell and Wayne Counties.
Organization: Cabell County Board of Education, Huntington, W. Va.
Contract and/or Control No.: DVE-38-WV-73-R-1

Objectives of the project are to analyze secondary student characteristics and availability of training and employment, migration patterns, and area labor market, and the interest of students and parents in expanded vocational offerings. An inventory will be taken of vocational education programs in public and private institutions in the area, and recommendations for vocational programs and location of additional facilities will be determined.

SB005920

Research and Planning for the New Vocational Technical Program and Facilities in Ohio County Schools.
Project Director: Potter, Roy E.
Organization: Ohio County Schools, Wheeling, W. Va.
Funding Period: Start Date 1 Sep 73; End Date 30 Jun 74

County staff, advisory committee, and Board of Education members will be involved in determining and designing appropriate vocational education curricula to be offered in the proposed Ohio County Comprehensive High School and in developing the specifications for facilities and equipment needs.

SB005921

Guidance Systems Approach–An Emerging Behavioral Mode for Guidance–Operation Guidance II.
Project Director: Suzuki, Warren N.
Organization: Kanawha County Board of Education, Charleston, W. Va.
Funding Period: Start Date 1 Jan 71; End Date 28 Feb 73

The purpose of Operation Guidance II is to develop materials which will help comprehensive urban high schools to upgrade their career guidance programs. Instruction materials, procedures, checklists, evaluative instruments, criterion tests, and resource documents will be developed at the Center for Vocational and Technical Education and field tested at two comprehensive urban high schools.

SB005922

Child Development Curriculum.
Project Director: Lawhon, Delbert A.
Organization: West Virginia Univ., Morgantown. Div. of Family Resources.

The objective of this project is to develop a program to prepare vocational high school home economics students to obtain positions in child development centers which have early childhood education programs.

SB005923

The Development of a Master Plan for the Financial Support of Vocational Education Programs in the State of West Virginia.
Project Director: Koble, Dan
Organization: Ohio State Univ., Columbus. Center for Vocational and Technical Education.

The purpose of this study is to assist the State Board of Education in identifying fiscal policy alternatives which will provide an equitable level of support for vocational education programs. The design will provide general information on financial needs of local education agencies, recommend an equitable basis for allocation of available funds, identify fiscal constraints inhibiting program development, and propose alternative ways of dealing with these barriers.

Fiscal Year 1974

SB005924

The Development of a Master Plan for the Financial Support of Vocational Education Programs in the State of West Virginia.
Project Director: Koble, Dan
Organization: Ohio State Univ., Columbus. Center for Vocational and Technical Education.
Funding Period: Start Date 1 May 74; End Date 31 Jul 74
Contract and/or Control No.: WV-74-R-2

The purpose of this study is to assist the State Board of Education in identifying fiscal policy alternatives which will provide an equitable level of support for vocational education programs. The design will provide general information on financial needs of local education agencies, recommend an equitable basis for allocation of available funds, identify fiscal constraints inhibiting program development,

and propose alternative ways of dealing with these barriers.

SB005925 VTP-1559

Factors Affecting Student Enrollment and Scheduling in Vocational Education Programs.
Project Director: Jacobs, Dan K.
Organization: Associated Educational Consultants, Inc., Pittsburgh, Pa.
Funding Period: Start Date 15 Aug 74; End Date 1 Jan 75

This project will identify and categorize specific factors which inhibit secondary students in West Virginia from enrolling or maintaining their enrollment in vocational education programs. Recommendations to alleviate the identified inhibiting factors will be made. A team of four professional educators will visit the twelve project sites, conduct interviews, and analyze procedures, policy, and questionnaires.

SB005926

Child Development Curriculum.
Project Director: Lawhon, Delbert A.
Organization: West Virginia Univ., Morgantown. Div. of Family Resources.

The objective of this project is to develop a program to prepare vocational high school home economics students to obtain positions in child development centers which have early childhood education programs.

SB005927 VTP-1138

Research and Planning for the New Vocational Technical Program and Facilities in Ohio County Schools.
Project Director: Potter, Roy E.
Organization: Ohio County Schools, Wheeling, W. Va.
Funding Period: Start Date 1 Sep 73; End Date 30 Jun 74

County staff, advisory committee, and Board of Education members will be involved in determining and designing appropriate vocational education curricula to be offered in the proposed Ohio County Comprehensive High School and in developing the specifications for facilities and equipment needs.

SB005928

Career Education Research-Demonstration Project.
Project Director: Klaus, Mary Louise
Organization: Raleigh County Board of Education, Beckley, W. Va.

This project's purpose is to establish West Virginia's Part C Career Education Development, Testing, and Demonstration Site in Woodrow Wilson High School. The project will focus on a career awareness program in grades K-6, a career orientation program in grades 7-9, improvement of guidance and counseling services at all levels, and the development of a placement service for all students leaving the educational system.

Fiscal Year 1975

SB005929

Child Development Curriculum.
Project Director: Lawhon, Delbert A.
Organization: West Virginia Univ., Morgantown. Div. of Family Resources.

The objective of this project is to develop a program to prepare vocational high school home economics students to obtain positions in child development centers which have early childhood education programs.

SB005930

Factors Affecting Student Enrollment and Scheduling in Vocational Education Programs.
Project Director: Jacobs, Dan K.
Organization: Associated Educational Consultants, Inc., Pittsburgh, Pa.
Funding Period: Start Date 15 Aug 74; End Date 1 Jan 75

This study will identify and categorize specific factors which inhibit secondary students in West Virginia from enrolling or maintaining their enrollment in vocational education programs. Recommendations to alleviate the identified inhibiting factors will be made. A team of four professional educators will visit the twelve project sites, conduct interviews, and analyze procedures, policy, and questionnaires.

SB005931

Development of Policies and Procedures Manual.
Organization: Associated Educational Consultants, Inc., Pittsburgh, Pa.

In cooperation with a task force of state staff and Local Education Agency (LEA) personnel, project staff will develop two policy and procedures manuals for vocational education, one for state staff use and one for LEA personnel. The manuals will include detailed policy and procedures on program administration, uses of funds, application for programs, approval and evaluation, accounting and reporting, staff requirements and functions, facilities and equipment requirements, and curriculum requirements.

Fiscal Year 1976

SB005932

Child Development Curriculum (Field Test and Revision).
Project Director: Lawhon, Delbert A.
Organization: West Virginia Univ., Morgantown. Div. of Family Resources.

The objective of this project is to develop a program to prepare vocational high school home economics students to obtain positions in child development centers which have early childhood education programs.

SB005933 VTP-2553

Vocational Reading Program - V.R.P.
Project Director: Spears, Jim
Organization: Wetzel County Board of Education, New Martinsville, W. Va.
Funding Period: Start Date 15 Jun 76; End Date 30 Jun 77

The project is designed to give high school students who read at seventh grade or lower levels training in remedial reading that is related to the world of work. Students will be screened for reading levels and placed in a self-teaching remedial program. An integrated system of slides, visuals, sound tapes, student workbooks, and texts will be utilized. Reading posttests will be given, and students will be pretested and posttested for gains in career knowledge.

SB005934 VTP-2552

Determining the Effect of Public Information Activities on Vocational Enrollment in West Virginia.
Project Director: LeJeune, Julie
Organization: West Virginia Univ., Morgantown.
Funding Period: Start Date 1 Aug 76; End Date 30 Apr 77

The objective of this study is to pinpoint the public information activities that contribute to increased enrollment in the state's vocational education schools. Administrators at the ten vocational education schools showing highest and lowest percentage enrollment will be given a self-administered questionnaire designed to identify the public information practices in use. Personal interviews with administrators, teachers, and students will supplement information gathered initially.

SB005935 VTP-2644

Braxton County Vocational Needs.
Project Director: McElwain, David N.
Organization: Braxton County Board of Education, Sutton, W. Va.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

This project intends to provide input for modifying the high school vocational education curriculum to meet current educational needs. The following groups will be surveyed by questionnaire: students in grades 9, 10, and 11 (about 600); about 125 parents; professionals who employ one or more workers (about 75); and business and industrial individuals who employ two or more workers (about 100). Personal interviews will be conducted with prospective employers for a cooperative work program. One thousand copies of a brochure will be printed.

Fiscal Year 1977

SB005936

Student Interest and Employment Opportunities in Off-Farm Agricultural Occupations–Cabell County, West Virginia.
Project Director: Lawrence, Layle D.
Organization: West Virginia Univ., Morgantown.
Funding Period: Start Date 1 Jan 77; End Date 30 Jun 77
Contract and/or Control No.: WV-77-R-4

The purpose of the project is to survey the expressed interest of Cabell County ninth graders concerning agricultural occupations and to ascertain off-farm agricultural employment opportunities in the county. Procedures include: administering the Career Interest Inventory to all ninth graders (1,500 students), interviewing employers concerning off-farm employment opportunities, and analyzing and summarizing the survey data in a final report, so that school administrators may use the information in decision making and school counselors and teachers may use the information to help students make career decisions.

Part D

Fiscal Year 1970

SB005937

Planning Grant - A Program for Disadvantaged Youth 9th Grade through 12th to Investigate the World of Work and to Make a Vocational Choice, Accompanied by Basic Training in Work Skills and Job Entry Opportunities.
Organization: Cabell County Board of Education, Huntington, W. Va.
Contract and/or Control No.: DVE-1-WV-70-E-3

This project will provide funds to develop an innovative program for disadvantaged youth.

SB005938

Planning Grant - Development of an Occupational Orientation Program for Grades K-6.
Organization: Monongalia County Board of Education, Morgantown, W. Va.

Descriptive information unavailable.

SB005939

A Vocational Building Maintenance Program for Educable Mentally Retarded Students in Ohio County.
Organization: McKinley Vocational-Technical Center, W. Va.

Descriptive information unavailable.

SB005940

Vocational Instructional Learning Center to Create Bridge Between School and Earning a Living for Young People.
Organization: Kanawha County Board of Education, Charleston, W. Va.

Descriptive information unavailable.

SB005941

Planning Grant – Vocational Planning for the Mentally Retarded.
Organization: Cabell County Board of Education, Huntington, W. Va.

Descriptive information unavailable.

SB005942

Development of Vocational Education for Mentally Retarded DOVE-MR.
Organization: Cabell County Board of Education, Huntington, W. Va.

Descriptive information unavailable.

SB005943

Disadvantaged Job-Oriented Learning Experiences.
Organization: Barbour County Board of Education, W. Va.

Descriptive information unavailable.

SB005944

Development of an Occupational Orientation Program for Grades K-6.
Organization: Monongalia County Board of Education, Morgantown, W. Va.

Descriptive information unavailable.

SB005945

Teenage Expectant Mothers.
Organization: Logan County Board of Education, W. Va.

Descriptive information unavailable.

Fiscal Year 1971

SB005946

Disadvantaged Job-Oriented Learning Experiences.
Organization: Barbour County Board of Education, W. Va.

Descriptive information unavailable.

SB005947

Development of an Occupational Orientation Program for Grades K-6.
Organization: Monongalia County Board of Education, Morgantown, W. Va.

Descriptive information unavailable.

SB005948

Intensive Vocational Services in Guidance, Counseling, Placement, and Followup.
Organization: Preston County Board of Education, Kingwood, W. Va.

Descriptive information unavailable.

SB005949

Counselor Awareness Program for Vocational Education (CAP).
Organization: Kanawha County Board of Education, Charleston, W. Va.

Descriptive information unavailable.

SB005950

Developing Exploratory Project in a Rural County in Appalachia.
Organization: Monroe County Board of Education, W. Va.

Descriptive information unavailable.

SB005951

A Career Awareness, Orientation and Placement Program for the Wayne High School Attendance Area.
Organization: Wayne County Board of Education, W. Va.

Descriptive information unavailable.

SB005952

Improving Effectiveness of Multi-County Area Vocational Programs Through the Provision of Improved Job Placement Services.
Organization: Berkeley County Schools, Martinsburg, W. Va.

Descriptive information unavailable.

SB005953

Improving Effectiveness of Multi-County Area Vocational Programs Through the Provision of Improved Job Placement Services.

Organization: Grant County Schools, W. Va.
Descriptive information unavailable.

SB005954

Improving Effectiveness of Multi-County Area Vocational Programs Through the Provision of Improved Job Placement Services.
Organization: South Branch Vocational-Technical Center, Petersburg, W. Va.
Contract and/or Control No.: DVE-28-WV-71-E-4

Objectives of this project are to develop a model job placement program to define performance activities which are peculiar to the placement function, conduct an area manpower needs survey for purposes of placement and program planning, develop an employment orientation program, and provide placement and follow-up services to secondary, postsecondary, and adult vocational education students.

SB005955

Introductions to Vocations.
Organization: Pocahontas County Board of Education, Marlinton, W. Va.
Contract and/or Control No.: WV-72-E-2

This project will provide noncollege-bound students with basic knowledge for making realistic vocational choices. A course will be developed to aid pupils in appraising their abilities, aptitudes, and interests and integrating this self-appraisal with information about educational and occupational opportunities and alternatives. The course will also help students to focus on immediate decisions concerning high school curriculum choices in relationship to educational and occupational opportunities.

Fiscal Year 1972

SB005956

Disadvantaged Job-Oriented Learning Experiences.
Organization: Barbour County Board of Education, W. Va.
Descriptive information unavailable.

SB005957

Development of an Occupational Orientation Program for Grades K-6.
Organization: Monongalia County Board of Education, Morgantown, W. Va.
Descriptive information unavailable.

SB005958

Teenage Expectant Mothers.
Organization: Logan County Board of Education, W. Va.
Descriptive information unavailable.

SB005959

Improving Effectiveness of Multi-County Area Vocational Programs Through the Provision of Improved Job Placement Services.
Organization: Berkeley County Schools, Martinsburg, W. Va.
Descriptive information unavailable.

SB005960

Improving Effectiveness of Multi-County Area Vocational Programs Through the Provision of Improved Job Placement Services.
Organization: Grant County Schools, W. Va.
Descriptive information unavailable.

SB005961

Improving Effectiveness of Multi-County Area Vocational Programs Through the Provision of Improved Job Placement Services.
Organization: South Branch Vocational-Technical Center, Petersburg, W. Va.
Contract and/or Control No.: DVE-28-WV-71-E-4

Objectives of this project are to develop a model job placement program to define performance activities which are peculiar to the placement function, conduct an area manpower needs survey for purposes of placement and program planning, develop an employment orientation program, and provide placement and follow-up services to secondary, postsecondary, and adult vocational education students.

SB005962

Introductions to Vocations.
Organization: Pocahontas County Board of Education, Marlinton, W. Va.
Contract and/or Control No.: WV-72-E-2

This project will provide noncollege-bound students with basic knowledge for making realistic vocational choices. A course will be developed to aid pupils in appraising their abilities, aptitudes, and interests and integrating this self-appraisal with information about educational and occupational opportunities and alternatives. The course will also help students to focus on immediate decisions concerning high school curriculum choices in relationship to educational and occupational opportunities.

SB005963

Improving a Rural School Program in Business and Office Education by Utilizing an Individualized Multimedia Instructional Approach.
Organization: Preston County Board of Education, Kingwood, W. Va.
Contract and/or Control No.: WV-72-E-1

The "open classroom" will be utilized in this project. The classroom will be divided into three sections: a diagnostic center to determine student competency levels in basic business education and related subject areas, a learning resource center to provide multimedia instructional materials suited to the ability of the student, and student learning stations to provide the necessary tools for completion of assignments.

SB005964

Vocational Programs for Out-of-School Youth and Adults in Building Maintenance, Commercial Cooking and Industrial Home Management.
Organization: Raleigh County Board of Education, Beckley, W. Va.
Contract and/or Control No.: WV-72-E-1

Objectives of this project for disadvantaged youth and adults are to increase the number of enrollees and completers in postsecondary vocational education, maximize use of existing educational resources at the secondary and postsecondary levels, increase the number of secondary youth making satisfactory transition to postsecondary vocational education opportunities, and provide effective supportive services at the secondary and postsecondary levels.

SB005965

A Comprehensive Plan for the Development of Vocational Education in Boone County, West Virginia.
Project Director: Hill, Sherry G.
Organization: Boone County Board of Education, Madison, W. Va.

This project will determine the occupational structure of the community and adjoining labor market areas, identify employment opportunities, and determine appropriate occupational offerings in an expanded vocational education program being planned by the county. Appropriate programs and facilities will be designed.

Fiscal Year 1973

SB005966 **VTP-861**

A Comprehensive Plan for the Development of Vocational Education in Boone County, West Virginia.
Project Director: Hill, Sherry G.
Organization: Boone County Board of Education, Madison, W. Va.

Funding Period: Start Date 1 Jan 73; End Date 30 Jun 73

This project will determine the occupational structure of the community and adjoining labor market areas, identify employment opportunities, and determine appropriate occupational offerings in an expanded vocational education program being planned by the county. Appropriate programs and facilities will be designed.

SB005967

Improving Effectiveness of Multi-County Area Vocational Programs through Provision of Improved Job Placement Services.
Organization: James Rumsey Vocational-Technical Center, Martinsburg, W. Va.
Contract and/or Control No.: WV-73-E-3

Objectives of this project are to develop a model job placement program, define performance activities which are peculiar to the placement function, contact employers to determine employment needs and interpret these needs to the area school staff and administration, provide for placement and follow-up of secondary, postsecondary, and adult students, develop an employment orientation program, and conduct area manpower needs surveys for local vocational education program planning purposes.

SB005968

Introductions to Vocations.
Organization: Pocahontas County Board of Education, Marlinton, W. Va.

Descriptive information unavailable.

SB005969

Improving a Rural School Program in Business and Office Education by Utilizing an Individualized Multimedia Instructional Approach.
Organization: Preston County Board of Education, Kingwood, W. Va.
Contract and/or Control No.: WV-72-E-1

The "open classroom" will be utilized in this project. The classroom will be divided into three sections: a diagnostic center to determine student competency levels in basic business education and related subject areas, a learning resource center to provide multimedia instructional materials suited to the ability of the student, and student learning stations to provide the necessary tools for completion of assignments.

SB005970

Vocational Programs for Out-of-School Youth and Adults in Building Maintenance, Commercial Cooking and Industrial Home Management.
Organization: Raleigh County Board of Education, Beckley, W. Va.
Contract and/or Control No.: WV-72-E-1

Objectives of this project for disadvantaged youth and adults are to increase the number of enrollees and completers in postsecondary vocational education, maximize use of existing educational resources at the secondary and postsecondary levels, increase the number of secondary youth making satisfactory transition to postsecondary vocational education opportunities, and provide effective supportive services at the secondary and postsecondary levels.

SB005971

Improving Effectiveness of Multi-County Area Vocational Programs Through the Provisions of Improved Job Placement Services.
Organization: Fred Eberle Vocational-Technical Center, W. Va.
Contract and/or Control No.: WV-72-E-5

Objectives of this project are to provide job placement services to students; define activities peculiar to the placement function; establish and maintain contacts with prospective employers; identify manpower needs; develop a system of filing, records management, and reporting of employment opportunities, and follow-up of students; design a system of student evaluation; develop an employee's responsibilities orientation program; and provide feedback for instructional program evaluation.

Fiscal Year 1974

SB005972 **VTP-1558**

A Design for Establishment of a Career Oriented Educational Program.
Project Director: Wright, Robert E.
Organization: Mercer County Board of Education, Princeton, W. Va.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 77

This project will establish a career education program in the Matoaka Schools. Project components are: career awareness (grades K-6), career orientation (grades 7-8), career exploration (grades 9-10), and career preparation opportunities (grades 11-12). Intensive occupational guidance and counseling services and expanded vocational education offerings will be incorporated.

SB005973 **VTP-1557**

Vocational Guidance Simulation Project.
Project Director: Lipscomb, George A.
Organization: Preston County Board of Education, Kingwood, W. Va.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of this project is to develop a comprehensive vocational guidance program for ninth and tenth grade students which will allow them to explore their interests, aptitudes, and abilities more fully. The program will include a hands-on vocational experience and will involve counselors, teachers, additional school personnel, parents, business, industry, and manpower agencies in the community.

SB005974 **VTP-1556**

Pre-Vocational Course of Study in Protective Services Occupation Cluster.
Project Director: Acord, David L.
Organization: Kanawha County Schools, Charleston, W. Va.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The aim of this project is to help young people become more interested in and aware of career opportunities in protective services. The project will provide pre-entry job experience through a co-op program and will prepare learners for advanced study in the field of protective services. The administrative staff, parents, students, and public service agencies, as well as the total community, will be involved.

SB005975

Exemplary Project in Career Exploration.
Organization: Cabell County Board of Education, Huntington, W. Va.
Contract and/or Control No.: WV-74-E-6

This project for ninth and tenth grade students is designed to include the following objectives: determine students' fitness for a particular vocational program and better prepare them to make an intelligent choice of program and career possibilities; expose students to onsite job observation and participation; increase awareness in teachers, parents, and students of the importance of preparation for the world of work; and establish a model for prevocational programs in grades 9 and 10.

SB005976

Exemplary Project in Career Exploration.
Organization: Cabell County Board of Education, Huntington, W. Va.
Contract and/or Control No.: WV-74-E-6

This project for ninth and tenth grade students is designed to include the following objectives: determine students' fitness for a particular vocational program and better prepare them to make an intelligent choice of program and career possibilities; expose students to onsite job observation and participation; increase awareness in teachers, parents, and students of the importance of preparation for the world of work; and establish a model for prevocational programs in grades 9 and 10.

SB005977

Vocational Programs for Out-of-School Youth and Adults in Building Maintenance, Commercial Cooking and Industrial Home Management.
Organization: Raleigh County Board of Education, Beckley, W. Va.
Contract and/or Control No.: WV-72-E-1

Objectives of this project for disadvantaged youth and adults are to increase the number of enrollees and completers in postsecondary vocational education, maximize use of existing educational resources at the secondary and postsecondary levels, increase the number of secondary youth making satisfactory transition to postsecondary vocational education opportunities, and provide effective supportive services at the secondary and postsecondary levels.

SB005978

Vocational Programs for Out-of-School Youth and Adults in Building Maintenance, Commercial Cooking and Industrial Home Management.
Organization: Raleigh County Board of Education, Beckley, W. Va.
Contract and/or Control No.: WV-72-E-1

Objectives of this project for disadvantaged youth and adults are to increase the number of enrollees and completers in postsecondary vocational education, maximize use of existing educational resources at the secondary and postsecondary levels, increase the number of secondary youth making satisfactory transition to postsecondary vocational education opportunities, and provide effective supportive services at the secondary and postsecondary levels.

SB005979

Improving Effectiveness of Multi-County Area Vocational Programs Through the Provisions of Improved Job Placement Services.
Organization: Fred Eberle Vocational-Technical Center, W. Va.
Contract and/or Control No.: WV-72-E-5

Objectives of this project are to provide job placement services to students; define activities peculiar to the placement function; establish and maintain contacts with prospective employers; identify manpower needs; develop a system of filing, records management, and reporting of employment opportunities, and follow-up of students; design a system of student evaluation; develop an employee's responsibilities orientation program; and provide feedback for instructional program evaluation.

SB005980

Career Education.
Organization: National Instructional Television Center, Bloomington, Ind.

The career education project has been planned and developed by the National Instructional Television Center. Its purpose is the production and distribution of an original full-length, quality, educationally sound, color telecourse for nine to twelve year olds.

Fiscal Year 1975

SB005981

Exemplary Project in Career Exploration.
Organization: Cabell County Board of Education, Huntington, W. Va.
Contract and/or Control No.: WV-74-E-1

This project for ninth and tenth grade students is designed to include the following objectives: determine students' fitness for a particular vocational program and better prepare them to make an intelligent choice of program and career possibilities; expose students to onsite job observation and participation; increase awareness in teachers, parents, and students of the importance of preparation for the world of work; and establish a model for prevocational programs in grades 9 and 10.

SB005982

Protective Services Occupations.
Organization: Kanawha County Board of Education, Charleston, W. Va.
Contract and/or Control No.: WV-74-E-10

The project is designed to develop a program to assist protective service workers to advance in their careers. The program will attempt to develop a learner who can think rationally and solve problems in complex situations and acquire the knowledge, skills, and attitudes to become a productive citizen. The project will lay the foundation for further study.

SB005983

A Design for Establishment of a Career Oriented Educational Program.
Organization: Mercer County Board of Education, Princeton, W. Va.
Contract and/or Control No.: WV-75-E-8

The goal of this project is to establish a program of career awareness, grades K-6; career orientation, grades 7-8; career exploration, grades 9-10; and career preparation, grades 11-12. The program will incorporate intensive occupational guidance and counseling services and expanded vocational education offerings. Procedures are designed to involve a project task force in an advisory capacity and to conduct an extensive inservice professional personnel development program.

SB005984

A Vocational Guidance Simulation Program.
Organization: Preston County Board of Education, Kingwood, W. Va.
Contract and/or Control No.: WV-75-E-11

The project is designed to provide students with the opportunity to explore their interest, aptitude and abilities more fully by working with a program which physically involves them in a series of tasks related to activities required in a future job. It allows students to explore their ability for training or employment in a job for which they are suited.

SB005985

Improving a Rural School Program in Business and Office Education by Utilizing an Individualized Multimedia Instructional Approach.
Organization: Preston County Board of Education, Kingwood, W. Va.
Contract and/or Control No.: WV-72-E-1

The "open classroom" will be utilized in this project. The classroom will be divided into three sections: a diagnostic center to determine student competency levels in basic business education and related subject areas, a learning resource center to provide multimedia instructional materials suited to the ability of the student, and student learning stations to provide the necessary tools for completion of assignments.

SB005986

Vocational Programs for Out-of-School Youth and Adults in Building Maintenance, Commercial Cooking and Industrial Home Management.
Organization: Raleigh County Board of Education, Beckley, W. Va.
Contract and/or Control No.: WV-72-E-1

Objectives of this project for disadvantaged youth and adults are to increase the number of enrollees and completers in postsecondary vocational education, maximize use of existing educational resources at the secondary and postsecondary levels, increase the number of secondary youth making satisfactory transition to postsecondary vocational education opportunities, and provide effective supportive services at the secondary and postsecondary levels.

SB005987

Improving Effectiveness of Multi-County Area Vocational-Technical Programs Through Improved Job Placement Services.
Organization: Upshur County Board of Education, Buckhannon, W. Va.
Contract and/or Control No.: WV-72-E-5

The objectives of this project are to provide placement services for students; define performance activities which are peculiar to the placement function; contact employers to determine employment needs; provide for placement and follow-up of secondary, postsecondary and adult students; develop an employment orientation program; and conduct area manpower needs surveys for local voca-

tional education program planning purposes.

Fiscal Year 1976

SB005988

Coordination of Postsecondary Education.
Organization: James Rumsey Vocational-Technical Center, Martinsburg, W. Va.
Contract and/or Control No.: EX-1976-1

Project funds will be used to hire a full-time postsecondary coordinator to use public relations techniques to increase public awareness of the availability and desirability of postsecondary vocational technical education. Program audiences will include those eligible for postsecondary programs and those responsible for counseling potential enrollees.

SB005989

Exemplary Project in Career Exploration.
Organization: Cabell County Board of Education, Huntington, W. Va.
Contract and/or Control No.: WV-74-E-1

This project for ninth and tenth grade students is designed to include the following objectives: determine students' fitness for a particular vocational program and better prepare them to make an intelligent choice of program and career possibilities; expose students to onsite job observation and participation; increase awareness in teachers, parents, and students of the importance of preparation for the world of work; and establish a model for prevocational programs in grades 9 and 10.

SB005990

Career Education for Teachers and Counselors.
Organization: Fayette County Board of Education, Fayetteville, W. Va.
Contract and/or Control No.: WV-75-E-9

This project proposes to provide concrete experiences in occupations outside education for traditional academic educators who orient and bias students toward occupations. The project will provide background and technical knowledge about occupations and occupational choice.

SB005991

Coal Mine Coordination.
Organization: Logan County Board of Education, Logan, W. Va.
Contract and/or Control No.: EX-1976-2

This project is designed to provide a coordinator in the mining occupation whose duties will include working with the school system, the United Mine Workers of America, coal operators, and individual trainees.

SB005992

Group Guidance.
Organization: Mercer County Schools, Princeton, W. Va.

Descriptive information unavailable.

SB005993

Public Service (Exploratory).
Organization: Raleigh County Board of Education, Beckley, W. Va.
Contract and/or Control No.: EX-1976-1

Students in grades 10 through 12 will be given the opportunity to enroll in a series of "public service" courses that will be offered each six weeks of the academic school year. Learning experiences will emphasize the fundamentals of a particular public service program area. Resource people from each public service section will be used as teachers. Field trips and hands-on experiences will be offered as learning motivators.

SB005994

Training and Development for Out-of-School Youth.
Organization: Kanawha County Board of Education, Charleston, W. Va.
Contract and/or Control No.: EX-1976-1

Designed to develop a program where the potential dropout or dropout receives maximum benefit from existing educational facilities, this alternative educational project will maximize use of the career and technical centers, adult basic educational facilities, and the CARE staff. The program will include vocational skill building, employability training, preparation for the G.E.D., self-understanding, and individual and group counseling.

SB005995

A Vocational Guidance Simulation Program.
Organization: Preston County Board of Education, Kingwood, W. Va.
Contract and/or Control No.: WV-75-E-11

The project is designed to provide students with the opportunity to explore their interest, aptitude and abilities more fully by working with a program which physically involves them in a series of tasks related to activities required in a future job. It allows students to explore their ability for training or employment in a job for which they are suited.

Fiscal Year 1977

SB005996

Training and Development for Out-of-School Youth.
Organization: Kanawha County Board of Education, Charleston, W. Va.
Contract and/or Control No.: EX-1976-1

Designed to develop a program where the potential dropout or dropout receives maximum benefit from existing educational facilities, this alternative educational project will maximize use of the career and technical centers, adult basic educational facilities, and the CARE staff. The program will include vocational skill building, employability training, preparation for the G.E.D., self-understanding, and individual and group counseling.

SB005997

Vocational Exploration.
Organization: Mason County Board of Education, Pt. Pleasant, W. Va.

Descriptive information unavailable.

SB005998

Prevocational Education.
Organization: Berkeley County Board of Education, Martinsburg, W. Va.

Descriptive information unavailable.

SB005999

Improving the Holding Power of Secondary Business Programs by Providing a New Curriculum in Supervisory and Administrative.
Organization: Nicholas County Board of Education, Summersville, W. Va.

Descriptive information unavailable.

SB006000

A Vocational Guidance Simulation Program.
Organization: Preston County Board of Education, Kingwood, W. Va.
Contract and/or Control No.: WV-75-E-11

The project is designed to provide students with the opportunity to explore their interest, aptitude and abilities more fully by working with a program which physically involves them in a series of tasks related to activities required in a future job. It allows students to explore their ability for training or employment in a job for which they are suited.

SB006001

Public Service (Exploratory).
Organization: Raleigh County Board of Education, Beckley, W. Va.

Contract and/or Control No.: EX-1976-1

Students in grades 10 through 12 will be given the opportunity to enroll in a series of "public service" courses that will be offered each six weeks of the academic school year. Learning experiences will emphasize the fundamentals of a particular public service program area. Resource people from each public service section will be used as teachers. Field trips and hands-on experiences will be offered as learning motivators.

SB006002

Non-Paid Work Experience Program.
Organization: Webster County Board of Education, Webster Spring, W. Va.

Descriptive information unavailable.

SB006003

Vocational Summer School Education for Teachers and Counselors.
Organization: Fayette County Board of Education, Fayetteville, W. Va.

Descriptive information unavailable.

SB006004

Coal Mine Coordination.
Organization: Logan County Board of Education, Logan, W. Va.
Contract and/or Control No.: EX-1976-2

Programs have expanded in mining and related occupations during a period of five years. This project is designed to provide a coordinator in the mining occupation. The coordinator's duties are to work with the school system, the United Mine Workers of America, the coal operators, and individual trainees.

SB006005

Postsecondary Education.
Organization: James Rumsey Vocational-Technical Center, Martinsburg, W. Va.

Descriptive information unavailable.

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Fiscal Year 1971

SB006006 **VTP-035**

District 17–Mini-Research Grants.
Organization: Wisconsin Area Vocational, Technical, and Adult Education District 17, Superior.
Funding Period: Start Date 1 Dec 70; End Date 30 Jun 71

This project will fund a number of local research projects.

SB006007 **VTP-040**

The OVIS Survey in Student Recruitment.
Project Director: Hildebrand, David R.
Organization: Wisconsin Area Vocational, Technical, and Adult Education District 17, Superior.

The purpose of this project is to use the Ohio Vocational Interest Survey (OVIS) as a tool in student recruitment in Wisconsin. The OVIS survey will be used to (1) pinpoint those students who are vocationally oriented and show interest in a vocational program, (2) provide valuable information for student counseling, (3) develop better cooperation beteen the high school and the vocational school, and (4) provide valuable information for curriculum planning.

SB006008 **VTP-043**

Student and Staff Evaluation of the Quarter System.
Project Director: Temte, William H.
Organization: Western Wisconsin Technical Inst., La Crosse.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The purpose of this project is to provide data for evaluating the effects on the students and staff at Western Wisconsin Technical Institute of the transfer from the semester system to the quarter system. All staff members, administrative personnel, and second-year students who have studied under both systems will participate in this study.

SB006009 **VTP-048**

Health Occupations Research Study.
Project Director: Johnson, O. L.
Organization: Blackhawk Vocational-Technical School, Janesville, Wis.
Funding Period: Start Date 1 Dec 70; End Date 30 Jun 71

The funding of this project will enable an interview study to be made of the present health occupations in the area. The results will be used to plan programs and facilities for health occupations education. The specific objectives are to analyze current employment in health and related occupations, analyze future predictions for employment in health occupations, and identify new or developing health occupations in the area.

SB006010

Research, Development, Implementation, and Evaluation of Differentiated Staffing for Vocational-Technical Education.
Project Director: Bordini, Dominic J.
Organization: Fox Valley Technical Inst., Neenah, Wis.
Funding Period: Start Date 1 Jan 71; End Date 31 Dec 74
Contract and/or Control No.: 12-005-211

To make better use of educational personnel, this project will research, develop, and implement a model of differentiated staffing for use in a postsecondary vocational and technical institution. The specific objectives include (1) researching existing staffing patterns, (2) developing objectives for a staffing pattern for vocational and technical education, (3) developing a management strategy and individualized instructional packages, and (4) developing an effective dissemination system.

SB006011 **VTP-047**

Effectiveness of Current Training Programs for the Vocationally Handicapped in Wisconsin.
Project Director: Daum, Henry A., Jr.
Organization: Developmental Behavior Associates, Madison, Wis.
Funding Period: Start Date 1 Jan 71; End Date 30 Jun 71

The purpose of this project is to determine the validity of current training programs for the vocationally handicapped. The project will examine the relationship between training program content and subsequent job requirements. The vocationally handicapped will be identified and interviewed to obtain information about the validity of teaching programs. Surveys of teachers, students, and employers will be used to determine program effectiveness.

SB006012 **VTP-044**

Determination of Justification to Offer Preparatory Mathematics for Trade and Industry Vocational Students.
Project Director: Anderson, Ronald H.
Organization: Southwest Wisconsin Vocational-Technical School, Fennimore.
Funding Period: Start Date 10 Jan 71; End Date 30 Jun 71

This project will identify the deficiencies in general mathematics knowledge of certain students in the trade and industry applied mathematics courses and determine the need for specific content of possible preparatory math courses which will allow satisfactory matriculation in the applied math courses.

SB006013 **VTP-045**

Development of a Computer Based Simulated Accounting System.
Project Director: Franks, Robert
Organization: Western Wisconsin Technical Inst., La Crosse.
Funding Period: Start Date 1 Jul 70; End Date 30 Jun 71

The objective of this project is to develop data processing techniques adapted to a simulated accounting system. A Burroughs third generation model "2500" system will be used to develop the system. The program will be designed to include both a retail merchandise business and a manufacturing concern.

SB006014

Evaluative Study of Students in Developmental Math Course.
Organization: District One Technical Inst., Eau Claire, Wis.
Contract and/or Control No.: 01-036-211

The objective of this study is to determine the effectiveness of the developmental (remedial) mathematics program by measuring student attitude and functional progress. The purpose is to improve program planning. At the completion of the course, each student will be requested to complete a questionnaire, analysis of which will allow correlation of the extent of the student's past experience in mathematics courses with scholastic success in the developmental course.

SB006015

Evaluation of Electronics Curriculum in Terms of Employers' Rating of Job Performance of Former Students.
Project Director: Potthast, Arnold

Organization: Fond du Lac Vocational, Technical, and Adult Education. District 10., Wis.
Funding Period: Start Date 4 Mar 71; End Date 30 Jun 71
Contract and/or Control No.: 10-036-221

This project intends to obtain employer ratings and evaluations of curriculum in electronics technology based on job performance of approximately 250 graduates. The objectives of this project will include verifying and developing recommendations for revision of the two-year associate degree electronics technology program; obtaining an employer assessment of future employment shifts, occupational changes, future manpower needs, and significant technological changes in electronics technologies; and developing recommendations for improving curriculum content, equipment, and facilities.

SB006016 **VTP-574**

Analysis of the Changes, Developments and Trends in the Mechanical Design Field.
Project Director: Paulsen, Russell
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 1 Feb 71; End Date 30 Jun 71

The goal of this study is to take a critical look at changing trends in the mechanical design industry to identify trends of skills and knowledges needed by new employees and relate them to an indepth curriculum revision of the mechanical design major. Employers and past graduates will be identified, a questionnaire will be developed, and interviews will be conducted.

SB006017 **VTP-583**

Study of Vocational Assessment.
Project Director: Sather, William
Organization: Wisconsin Div. of Vocational Rehabilitation, Madison.
Funding Period: Start Date 1 May 71; End Date 30 Jun 71

The purpose of this project is to demonstrate that a Division of Vocational Rehabilitation agency (DVR) can continuously upgrade the quality of DVR counselors' judgements and decisions affecting individual clients through implementation of a system of feedback of client data. The investigation will be conducted in four stages and implemented in ten district offices.

SB006018 **VTP-581**

APV--A Proposed Research Design Model for Predicting Early Student Withdrawal from District 15.
Project Director: Paulsen, Russell
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 1 Feb 71; End Date 31 Aug 71

The purpose of this project is to determine the possibility of predicting statistically the likeliness of a student withdrawing from school and provide the corrective steps to prevent that early withdrawal. Procedures will include (1) transforming current student records to ten through seventy standard scores, (2) designing and administering first run of APV tests to incoming freshmen, (3) supervising and evaluating computer scoring of first APV run, and (4) analyzing all data.

SB006019

Industrial Safety Education for Small Industries in Wisconsin.
Project Director: Schulz, August
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jan 71; End Date 30 Jun 72
Contract and/or Control No.: 19-005-151-212

An attempt to develop relevant safety educational curriculum programs for use by the VTAE system within small (100 or fewer employees) industries in Wisconsin will be made in this project. Personal interviews, resource consultants, safety literature reviews and standards, and the project director's recommendations will be used to develop specific courses in industrial safety. An instrument to evaluate these courses will be developed.

SB006020

Population and Manpower for Districts 6, 7, 8, and 9.
Project Director: Ramsey, William L.
Organization: Milwaukee Area Technical Coll., Wis.
Funding Period: Start Date 1 Feb 70; End Date 1 Jun 71
Contract and/or Control No.: 09-052-221

This project will provide funds for hiring a planner to assist Vocational, Technical, and Adult Education Districts 6, 7, 8, and 9 to determine the nature and need for educational programs in their districts. The planner will assist in analyzing information to determine the development of centralized vocational and technical activity and the probable location and comprehensiveness of campus units in the districts.

SB006021 **VTP-181**

Methods and Techniques of Curricula and Instruction Which are Most Effective in Training and Placement of Persons with Special Needs.
Project Director: Strohbusch, Mark D.
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 10 Feb 71; End Date 30 Jun 71

The objectives of this project are to (1) define the characteristics of a good metals program for the disadvantaged postsecondary student; (2) determine the number of disadvantaged in the present program, number of graduates, and number of dropouts; (3) compare the achievement of the disadvantaged and nondisadvantaged; and (4) develop a workable modification of procedures for metals programs with disadvantaged students.

SB006022 **VTP-463**

Assessment of Individualized Instruction Material Currently Used.
Project Director: Samson, Harland E.
Organization: Wisconsin Univ., Madison.
Funding Period: Start Date 1 Jul 71; End Date 15 Sep 71

The purpose of this project is to determine the nature and characteristics of the individualized instructional materials and procedures being used in postsecondary business and distributive programs. This will be determined through direct contact with each district and completion of a questionnaire and documentation of materials and procedures. Priorities and recommendations for further development will be made.

SB006023 **VTP-579**

Follow-Up Study of Graduates and Employers from Selected Wisconsin Vocational Schools and Stout State University to Determine Satisfaction with the Occupational Preparation in Clothing Services.
Project Director: Weiss, Anne
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 10 Feb 71; End Date 30 Jun 71

The objectives of this project are to relate occupational preparation to career satisfaction of graduates of one- and two-year programs in clothing management, production, and services from Wisconsin VTAE schools in LaCrosse, Madison, and Milwaukee and of graduates in clothing, textiles and design, and fashion merchandising at Stout State University. The problem involves obtaining information from graduates and employers to determine whether the training programs are up-to-date and adequate for the graduates to seek desired jobs.

SB006024

Vocational and Technical Education Programs Sponsored in the Private Sector in VTAE District 9.
Project Director: Parkinson, George A.
Organization: Milwaukee Area Technical Coll., Wis.
Funding Period: Start Date 1 Jan 71; End Date 1 Feb 72
Contract and/or Control No.: 09-053-151-222

This project will determine to what extent the private sector provides formal training programs in vocational and technical education in the Milwaukee area, assess the influence of such programs in filling local manpower needs, incorporate this information into ongoing program evaluation and development tasks performed by Milwaukee Area Technical College, and develop monitoring techniques to keep this information current.

SB006025 **VTP-559**

Evaluation of Secondary School Mathematics Curriculums in District 15 as they Relate to the Math Background Requirements of Post-Secondary Vocational Technical Education Students.

Project Director: Paulsen, Russell
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 1 Feb 71; End Date 31 Aug 71

The objective of this study is to evaluate all secondary school mathematics curricula in one district. The evaluation will be in terms of the needs of students planning to enter vocational and technical fields. Evaluation of the math curricula will be done by personal interviews with personnel who are responsible for curriculum development. Some of the basic information will be acquired through written surveys.

SB006026 **VTP-185**

Mini-Grants to Teachers for Research and Development of Micro-Teaching Units.
Project Director: Lambert, Roger
Organization: Blackhawk Vocational-Technical School District, Janesville, Wis.
Funding Period: Start Date 1 Jan 71; End Date 30 Jun 71

The purposes of this project are to promote the use of micro-teaching units; identify materials, ideas, and methods for micro-teaching; and develop micro-teaching units. A number of small research and development grants will be made to teachers who are interested in developing micro-teaching units. The grants would be for $150 or less, depending on the nature of the micro-teaching unit.

SB006027 **VTP-184**

Home Economist Assistant Study.
Project Director: Fredrickson, June
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 1 Feb 71; End Date 31 Aug 71

The purposes of this study are to evaluate data already collected relative to job opportunities for graduates of this program, further identify the needs locally and state-wide for job opportunities for graduates, and evaluate the present curriculum in relation to job skills required as suggested through interviews with future employers. This information will be used to revise the present curriculum.

SB006028 **VTP-465**

Analysis of Skills Needed by Graduates of Associate Degree Insurance Major.
Project Director: Paulsen, Russell
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to improve the insurance program by identifying specific tasks graduates will do and identifying placement opportunities. Procedures will include developing survey instruments, identifying and contacting firms, collecting data from other educational organizations, conducting a pilot study and interviews, and analyzing data and implementing the findings.

SB006029

Computer Augmented Accounting.
Project Director: Breese, William E.
Organization: Vocational, Technical, and Adult Education District 9, Milwaukee, Wis.
Contract and/or Control No.: 09-042-151-224

The purpose of the project is to facilitate the learning of basic concepts and techniques of accounting and increase the impact of this learning experience through the use of the computer. Students in managerial accounting, cost accounting, and income tax accounting will have an opportunity to make use of the computer in solving their accounting problems.

SB006030

Survey of Marketing Students.
Project Director: Cressman, Ruth
Organization: Milwaukee Area Technical Coll., Wis.
Funding Period: Start Date 1 Jul 71; End Date 13 Aug 71

This project will determine the educational and vocational progress of 497 students enrolled in Milwaukee Area Technical College beginning with the fall semester 1967 and will determine if patterns of personal characteristics exist which might be predictive of success in marketing programs and subsequent employment. Questionnaires will be sent to the students.

SB006031

Agriculture Study.
Organization: River Falls Univ., Wis.
Descriptive information unavailable.

SB006032

Trade and Industrial Clinic for Professors.
Organization: Wisconsin Univ. - Stout, Menomonie.
Descriptive information unavailable.

SB006033

Comprehensive Career Development.
Organization: Milwaukee Public Schools, Wis.
Descriptive information unavailable.

SB006034

Trade and Industrial Survey.
Organization: Wisconsin Univ. - Stout, Menomonie.
Descriptive information unavailable.

SB006035

Agriculture Program Development.
Organization: Wisconsin State Dept. of Public Instruction, Madison.
Descriptive information unavailable.

SB006036

Agriculture Curriculum Workshop.
Organization: Wisconsin State Dept. of Public Instruction, Madison.
Descriptive information unavailable.

SB006037

Career Development Center.
Organization: Milwaukee Public Schools, Wis.
Descriptive information unavailable.

SB006038

Information and Evaluation System.
Organization: Wisconsin State Dept. of Public Instruction, Madison.
Descriptive information unavailable.

SB006039

Agriculture Pilot Evaluation System.
Organization: Wisconsin Univ., Madison.
Descriptive information unavailable.

SB006040

Teacher Educator Workshop.
Organization: Wisconsin Univ. - Stout, Menomonie.
Descriptive information unavailable.

SB006041

Agriculture Evaluation.
Organization: Wisconsin State Dept. of Public Instruction, Madison.
Descriptive information unavailable.

SB006042

Distributive Education Consortium.
Organization: Wisconsin State Dept. of Public Instruction, Madison.
Descriptive information unavailable.

SB006043

Educational Telephone Network Inservice.
Organization: Wisconsin State Dept. of Public Instruction, Madison.
Descriptive information unavailable.

SB006044

Career Education.
Organization: Wisconsin State Dept. of Public Instruction, Madison.
Descriptive information unavailable.

SB006045

Computerized Career Development.
Organization: Milwaukee Public Schools, Wis.
Descriptive information unavailable.

SB006046

Mobile Field Power Lab.
Organization: Cooperative Educational Service Agency 4, Cumberland, Wis.
Descriptive information unavailable.

SB006047

Distributive Education Resource Center.
Organization: Wisconsin Univ., Madison.
Descriptive information unavailable.

Fiscal Year 1972

SB006048 VTP-459

WVTAE Student Organization Survey.
Project Director: Beede, Cecil W.
Organization: District 1 Technical Inst., Eau Claire, Wis.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to collect and interpret data that will provide basic information about student organizations in vocational and technical schools. Written evaluations identifying strengths and weaknesses of each school will be submitted, and statistics of over-all problems and participation will be made available.

SB006049 VTP-452

Research of Affect of Visual Materials in Manufacturing Process on Learning.
Project Director: Munger, Ralph
Organization: District 1 Technical Inst., Eau Claire, Wis.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project is aimed at determining the extent to which the visual depiction of the manufacturing process will affect student achievement and involvement in this phase of the learning process. The methodology used will be a comparative study relating the scholastic success of students who have the advantage of this instructional approach with that of students who have not.

SB006050 VTP-464

Post High School Career Preference Study of District 3 High School Eleventh Grade Students.
Organization: Southwest Wisconsin Vocational-Technical Inst., Fennimore.
Funding Period: Start Date 13 Sep 71; End Date 13 Jan 72

The objectives of this project are to administer the Ohio Vocational Interest Survey to 2,100 eleventh grade students in thirty-one school districts, conduct an extensive survey which will provide information about high school career objectives, and incorporate this information into district long-range program planning.

SB006051 VTP-450

A Study of the Transfer of Students to Wisconsin Vocational-Technical Schools from Four-Year Colleges.
Project Director: Redovich, Dennis
Organization: Milwaukee Area Technical Coll., Wis.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The purpose of this project is to obtain demographic and other descriptive data about students transferring from four-year colleges and universities to vocational and technical schools. The data obtained will be useful in planning higher education in Wisconsin and for counseling students. A state-wide study of the transfer of students to vocational and technical schools from four-year colleges will be conducted. The reasons for students transferring will be studied by means of a questionnaire.

SB006052 VTP-521

Vocational and Technical Education and Training Programs Sponsored by Business, Industry, Labor, and Government in Wisconsin.
Project Director: Ramsey, William L.
Organization: Milwaukee Area Technical Coll., Wis.
Funding Period: Start Date 1 Dec 71; End Date 30 Jun 72

This project intends to determine the areas of training presently provided and describe the programs and their relationship to programs offered by VTAE districts. This is an extension of another project, but will be conducted using a state-wide representative sample. Data for the study will be obtained from questionnaires sent to a sample of personnel from business, industry, and government training programs in Wisconsin; personal interviews with training directors; and visits to training centers.

SB006053 VTP-460

Job Analysis for Vocational-Technical Occupations.
Project Director: Stevens, Duane D.
Organization: Wisconsin Vocational, Technical, and Adult Education District 12, Neenah.
Funding Period: Start Date 30 Jun 71; End Date 30 Jun 72

The aims of this study are to provide information to the instructional staff of value to them in updating their curriculum, obtain this information by a task analysis of each occupation, provide students with realistic job expertise to make the individual's education more relevant and meaningful, and provide students with current audiovisual materials to help them make decisions about employment.

SB006054 VTP-188

Analysis of Skills Needed by Graduates of Associate Degree Insurance Major.
Project Director: Schmidt, Wayne
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 1 Feb 71; End Date 31 Aug 71

The purposes of this project are to (1) review the present curriculum and compare it with the curriculum of other post high school institutions in other states; (2) survey insurance companies who employ graduates as to future employment requirements; (3) survey potential employer insurance companies as to their job requirements; (4) visit insurance companies to identify specific tasks, duties, and responsibilities of job categories; (5) explore various methods to promote the insurance program at the high school level and other vocational and technical school districts in Wisconsin; and (6) survey other adjusting trainer programs to determine what should be incorporated in the adjusting class.

SB006055 VTP-186

Assessment of Individualized Instruction Material Currently Used.
Project Director: Samson, Harland E.
Organization: Wisconsin Univ., Madison.
Funding Period: Start Date 15 Mar 71; End Date 15 Sep 71

The purpose of this project is to determine the nature and characteristics of the individualized instructional materials and procedures currently being used in Wisconsin postsecondary business and distributive programs (vocational, technical and adult). This will be determined through direct contact with each of the eighteen districts; completion of a structured, nondisguised questionnaire; and the documentation of materials and procedures used on an individualized instruction basis during the 1970-71 school year. From this data, priorities and recommendations for further development will be made.

SB006056 VTP-461

An Evaluation, Through Field Testing, of Individualized Instructional Materials in Wisconsin Post-Secondary Institutes.
Project Director: Lambrecht, Judith
Organization: Wisconsin Univ., Madison. School of Education.
Funding Period: Start Date 1 Sep 71; End Date 30 Jun 72

The aim of this project is to field test existing and prospective educational materials designed for individualized instructional situations in business, office, and distributive education. Among the factors the evaluation will be based on will be the ease with which the materials are used by the classroom teacher and the achievement of

students using these materials compared to the achievement of students using traditional materials.

SB006057 VTP-462

Graduate Student Research Grants Submitted to the State Board of Vocational, Technical, and Adult Education.
Project Director: Nelson, Orville
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 15 Aug 71; End Date 30 May 72

The objectives of this project are to (1) develop the research skills required to design and carry out a small research project, (2) instill positive attitudes toward research on the part of those involved with the smaller projects funded as a part of this proposal, (3) determine the degree to which graduate students can produce research of value to the Vocational and Technical Adult Education system, (4) estimate the cost/effectiveness ratio for the research products that result from these studies and compare this ratio to studies conducted by university and VTAE staff, and (5) isolate the critical skills required to design and complete a research project.

SB006058 VTP-449

Development of a Convergence Plan for Vocational Education in Wisconsin.
Project Director: Nelson, Orville
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 23 Aug 71; End Date 31 May 72

The aim of this study is to develop a convergence research plan for vocational education in Wisconsin and determine the feasibility of implementing this plan. Procedures will be to identify the major problems faced by vocational education in Wisconsin, determine the over-all goals for a plan for vocational research, construct the plan, determine the possibility of implementing the plan, and identify the manager(s) of the plan.

SB006059 VTP-614

Further Analysis of Data Collected in Project Effectiveness of Current Training Programs for the Vocationally Handicapped in Wisconsin.
Project Director: Lustig, Paul
Organization: Developmental Behavior Associates, Madison, Wis.
Funding Period: Start Date 1 Nov 71; End Date 30 Dec 71

The purpose of this project is to provide a further analysis of the data collected in project #19-011-221, "Effectiveness of Current Training Programs for the Vocationally Handicapped in Wisconsin." Specifically, this analysis will include printouts of state and selected district results and printouts of correlations between items on the questionnaire.

SB006060 VTP-552

Identifying the Continuing Educational Needs of a Selected Group of Vocationally Handicapped Adults in Wisconsin Who Could Benefit from Additional Training in the Vocational, Technical, and Adult Education System.
Project Director: Lustig, Paul
Organization: Developmental Behavior Associates, Madison, Wis.
Funding Period: Start Date 1 Nov 71; End Date 30 Jun 72

The purpose of the project is to identify the continuing educational needs of a selected group of handicapped adults who could be served through the state's VTAE system. The literature on continuing education from materials related to the needs of the adult handicapped will be reviewed, and the handicapping conditions from which to select the sample will be identified. The sample will be selected, and field interview schedules and questionnaires will be developed.

SB006061 VTP-546

Assessment of Felt Needs for Preparation in "Living Skills" of Graduates of Diploma and Associate Degree Programs in the Wisconsin VTAE System.
Project Director: Petrich, Beatrice
Organization: Wisconsin Univ., Madison.
Funding Period: Start Date 1 Jan 72; End Date 30 Jun 72

The major purposes of this study are to identify the life skills which are perceived as necessary by recent graduates of vocational and technical education programs in Wisconsin, determine the personal and social needs of graduates, and ascertain graduates' personal and social aspirations for the future. Secondary objectives will be to develop an instrument to fulfill the purposes, direct the attention of vocational education planners and counselors to the opinions of graduates, and ascertain differences in responses of various subgroups of the sample.

SB006062 VTP-613

Validity Study of Pre-Counseling Test Battery.
Project Director: Walther, Charles C.
Organization: Wisconsin Vocational, Technical, and Adult Education District 6, Kenosha.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The specific objectives of the project are to determine what correlation exists between the subtests of the test battery and the grade point average achieved by students in various programs and in various courses, determine the degree of correlation between subtests of the test battery, and use the results of the study as a basis for modifying and developing a testing program that can be used with confidence in counseling students.

SB006063

An Examination to Determine the English Competencies Required of Secretaries in the Administrative, Legal and Medical Areas with a Synthesis into a Core of Common Competencies to be Used in Forming a Basis for an English Curriculum.
Project Director: Radloff, David
Organization: Western Wisconsin Technical Inst., La Crosse.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 02-036-151

This study will determine, through survey and interviews, the English competencies required of administrative, legal, and medical secretaries; synthesize these required competencies into a core of common competencies; and translate these compentencies into specific course objectives that can be used as a basis for an English curriculum in vocational and technical schools. The study population will include 150 administrative, legal, and medical secretaries.

SB006064

Evaluation of Auto Mechanical and Technical Curriculum in Terms of Employer's Rating of Job Performance of Former Students.
Project Director: Maiers, Merlin
Organization: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison.
Funding Period: Start Date 15 Mar 72; End Date 30 Jun 72
Contract and/or Control No.: 04-040-151-222

Employer ratings and evaluations of curriculum in automotive technology and auto mechanics will be obtained in this project. The survey method will be used in gathering data from 200 employers in the state who have hired graduates from the Wisconsin schools of vocational, technical, and adult education. Information gained from the survey will be used to revise the two-year programs in automotive work.

SB006065 VTP-757

Survey and Analysis of Barbering in Wisconsin.
Organization: Milwaukee Area Technical Coll., Wis.

The objective of this survey is to obtain an evaluation of barber training by employers of barbers and graduates and gain information and data on the work status, distribution of shops, personal characteristics, and weekly income of barbers. Data for the study will be obtained from questionnaires sent to all barbers and interviews with a selected sample of barbers. Patrons will also be interviewed.

SB006066 VTP-793

The Development of a Design for the Effective Use of Occupational Advisory Committees in the Wisconsin Vocational, Technical, and Adult Education System.
Project Director: Sorenson, Robert P.
Organization: Wisconsin Univ., Madison.

The aim of this study is to prepare a proposed design for effective use of advisory committees. An analysis of the extent to which selected tasks of advisory committees are fulfilled and a review of the literature pertaining to effective methods of using committees will be conducted.

SB006067

Task Analysis and Competencies Requirements of Vocational-Technical-Adult Education Coordinators in Wisconsin.
Project Director: Nelson, Orville
Organization: Wisconsin Univ. - Stout, Menomonie. Center for Vocational, Technical, and Adult Education.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 72
Contract and/or Control No.: 12-043-151-222

The purpose of this project is to identify and analyze the tasks performed by Wisconsin vocational, technical, and adult educator coordinators. The frequency of performance and the competencies needed to perform these tasks will be determined. Data obtained from the analysis will be used to determine the commonality of task effort which can bring about a more closely correlated coordination process, identify elements appropriate for workshops, and identify elements which will indicate either addition or deletion of content from courses in institutions which administer and coordinate training and education.

SB006068 VTP-763

The Kargel Book Shelving Work Sample.
Project Director: Kargel, Charles
Organization: Wisconsin Univ. - Stout, Menomonie. Center for Vocational, Technical, and Adult Education.
Funding Period: Start Date 1 Sep 71; End Date 30 Apr 72

The goal of this project is to create an original work sample to be used in vocational evaluation. A person's potential for training and employment as a shelver of objects will be evaluated. The work sample will include a manual for the evaluator, a bookcase, a book cart, and twenty books, and will be used and evaluated by students and professionals.

SB006069 VTP-762

Professional Development Study of the Electronics and Electricity Educators in the State of Wisconsin.
Project Director: Johnson, Robert R.
Organization: Wisconsin Univ. - Stout, Menomonie. Center for Vocational, Technical, and Adult Education.
Funding Period: Start Date 1 Sep 71; End Date 30 May 72

The purpose of this project is to ascertain the extent to which instructors are interested in attending special courses to upgrade their skills and knowledge and the conditions they perceive as necessary to warrant their attendance. A research instrument will be developed and administered by mail to all electricity and electronics instructors.

SB006070 VTP-776

Career Education Provided by Business and Industry in the Milwaukee Area.
Project Director: Vander Kamp, Abigail
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 May 72; End Date 30 Jun 72

The purposes of this study are to assist in collecting data and determine a set of codes to use in assessing industry responses to determine their attitude toward career education, analyze the response to determine the scope of the industry's career education activities, and develop a report based on these findings. Interview questions will be developed to collect information on these firms.

SB006071 VTP-764

1972 Pre-Session Research Seminars.
Project Director: Courtney, E. Wayne
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Feb 72; End Date 30 Jun 72

The purposes of this project are to familiarize the participants of a seminar with the general terminology associated with the systems design and analysis approach to solving real life problems and the elements and dimensions of the system and involve them in formulating the ideal systems approach to their problems. The participants will list their problems, and a few problems will be selected for the application of ideal systems design.

SB006072 VTP-126

Agricultural and Home Economics Occupational Research Study.
Project Director: Lambert, Roger
Organization: Blackhawk Vocational-Technical School, District 5, Janesville, Wis.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

To provide sound bases for planning future programs in agriculture and home economics this project will (1) analyze current employment in the areas studied; (2) analyze future predictions for employment; (3) identify new or changing occupations; and (4) relate employment data to supplemental information such as number of employees, size of operations, etc. A separate study of the agricultural and the home economics needs of the area will be conducted.

SB006073 VTP-053

Research, Development, Implementation, and Evaluation of Differentiated Staffing for Vocational-Technical Education.
Project Director: Bordini, Dominic J.
Organization: Fox Valley Technical Inst., Neenah, Wis.
Funding Period: Start Date 1 Jan 71; End Date 31 Dec 74

The purpose of this project is to develop a model of differentiated staffing for utilization in a postsecondary vocational and technical institution. Among the specific objectives are to (1) research existing staffing patterns, (2) develop objectives for a staffing pattern for vocational and technical education, (3) develop specific objectives for program implementation, and (4) develop individualized instructional packages.

SB006074 VTP-144

Curriculum Evaluation of Secretarial Science Program.
Project Director: Goodman, David G.
Organization: Wisconsin State Univ., Whitewater.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

The objective of this project is to evaluate the two-year associate degree secretarial science program in terms of meeting student and employer needs. Specific objectives include identifying and evaluating reasons given by students for withdrawal, dropout, or leaving for a job and comparing student educational and work experience backgrounds with achievement in the associate degree program and occupational success.

SB006075

Development of a Model for an Internship Seminar in Associate Degree Fashion Merchandising.
Organization: Madison Area Technical Coll., Wis.

Descriptive information unavailable.

SB006076 VTP-550

A Study of the Characteristics of First-Year Male Vocational Students and Technical Students at Western Wisconsin Technical Institute, La Crosse.
Project Director: Engelbach, Gordon
Organization: Wisconsin Univ. - Stout, Menomonie. Center for Vocational, Technical, and Adult Education.
Funding Period: Start Date 1 Sep 71; End Date 30 May 72

The objectives of this project are to develop an understanding of how certain characteristics, as measured by the instruments used in this study, indicate the potential differences that may exist between the first-year vocational student and first-year technical student at Western Wisconsin Technical Institute–La Crosse and compare the scores obtained on five standardized testing instruments between a randomized sample of vocational and technical students as measured by a variety of instruments. The comparison of these scores will be done by the individual factor analysis with the aid of staff members at the University of Wisconsin–Stout.

SB006077

A Study of Audio-Visual Needs as They Relate to Presenting an Effective Public Informational Program About VTAE Career Opportunities in District One.
Project Director: Christoffersen, Sandee
Organization: Wisconsin Univ. - Stout, Menomonie.

Funding Period: Start Date 1 Jan 72; End Date 30 May 72
Contract and/or Control No.: 19-019-151-222C

This project will survey a stratified random sample of adults and high school students in Vocational-Technical Adult Education (VTAE) District One to determine their awareness of the VTAE system's career opportunities. The results will supply information regarding the strong and weak areas of the present public information program. The objectives include obtaining demographic information and determining effective means of communication.

SB006078 **VTP-610**

To Determine the Use of Media Resources in Vocational-Technical District.
Project Director: Igl, David H.
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jan 72; End Date 30 May 72

The aim of this study is to help bring about improvement in the use of media by identifying those factors which are standing in the way of greater media use in Fox Valley, as well as those which are encouraging its use both in that district and in other schools which have enjoyed success in media use.

SB006079

Northwestern Wisconsin Recreation Survey for Vocational Program Development.
Project Director: Vander Kamp, Lorraine M.
Organization: Wisconsin Indianhead Vocational, Technical, and Adult Education District, Shell Lake.
Funding Period: Start Date 1 May 72; End Date 30 Jun 72
Contract and/or Control No.: 17-438-151-222

Key factors which attract tourists to northwestern Wisconsin and the services and attractions tourists would like to have added or improved will be determined in the first phase of this project. The second phase will determine training needs in the recreation industry. A needs model of an area tourist and a task model of a successful recreation operator will be developed.

SB006080 **VTP-889**

Investigating the Interaction of Learning Styles and Types of Learning Experiences in Vocational-Technical Education.
Project Director: Nelson, Orville
Organization: Fox Valley Technical Inst., Appleton, Wis.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 74

The objectives of this study are to (1) identify learning styles relevant to vocational and technical programs, (2) develop instruments to measure students' learning styles, (3) develop instruments to identify the characteristics of learning materials and modes of instruction, (4) construct alternative learning experiences based on each style of learning for several sets of objectives, (5) determine the interaction between learning styles and the characteristics of learning experiences and modes of instruction, (6) develop a computer-based management system, and (7) construct an information system to provide feedback to teachers on the progress of their students and suggest alternate learning experiences for the students.

SB006081

The OVIS Survey in Student Recruitment.
Project Director: Lavine, Sam L.
Organization: Superior Area Vocational, Technical, and Adult Education District 17, Wis.
Contract and/or Control No.: 17-432-151-222

This second phase of a three-year project is designed to determine the effectiveness of the Ohio Vocational Interest Survey in student recruitment. The survey will be administered to the junior class in the fall of each year. Surveys will be scored under the overall direction of district personnel and will be returned to the high schools for counseling purposes.

SB006082

Evaluation of Electronics Curriculum in Terms of Employers' Rating of Job Performance of Former Students.
Project Director: Potthast, Arnold
Organization: Fond du Lac Vocational, Technical, and Adult Education District 10, Wis.

This project intends to obtain employer ratings and evaluations of curriculum in electronics technology based on job performance of approximately 250 graduates. The objectives of this project will include verifying and developing recommendations for revising the two-year associate degree electronics technology program; obtaining an employer assessment of future employment shifts, occupational changes, future manpower needs, and significant technological changes in electronics technologies; and developing recommendations for improving curriculum content, equipment, and facilities.

SB006083

Analysis of the Changes, Developments and Trends in the Mechanical Design Field.
Project Director: Paulsen, Russell
Organization: North Central Technical Inst., Wausau, Wis.

The goal of this study is to take a critical look at changing trends in the mechanical design industry to identify trends of skills and knowledges needed by new employees and relate them to an indepth curriculum revision of the mechanical design major. Employers and past graduates will be identified, a questionnaire will be developed, and interviews will be conducted.

SB006084

Study of Vocational Assessment.
Project Director: Sather, William
Organization: Wisconsin Div. of Vocational Rehabilitation, Madison.

The purpose of this project is to demonstrate that a Division of Vocational Rehabilitation (DVR) agency can continuously upgrade the qulity of DVR counselors' judgements and decisions affecting individual clients through implementation of a system of feedback of client data. DVR clients who received either psychological assessments or work evaluations or both will be contacted at the time of closure and six months after closure to assess vocational rehabilitation outcome.

SB006085

APV - A Proposed Research Design Model for Predicting Early Student Withdrawal from District 15.
Project Director: Woolsey, James
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 15-035-151-222

This project will attempt to determine the possibility of statistically predicting if a student is likely to withdraw from a program and provide for measures to prevent such early withdrawal. Current student records will be converted to standard scores of Attrition Potential Value, and a pilot study will be conducted.

SB006086

Industrial Safety Education for Small Industries in Wisconsin.
Project Director: Schulz, August
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jan 71; End Date 30 Jun 72

An attempt to develop relevant safety educational curriculum programs for use by the VTAE system within small (100 or less employees) industries in Wisconsin will be made in this project. Personal interviews, resource consultants, safety literature reviews and standards, and the project director's recommendations will be used to develop specific courses in industrial safety. An instrument to evaluate those courses will be developed.

SB006087

Population and Manpower for Districts 6, 7, 8, and 9.
Project Director: Ramsey, William L.
Organization: Milwaukee Area Technical Coll., Wis.
Contract and/or Control No.: 09-052-221

This is a continuation of funding to provide for hiring a planner to assist in determining the nature and need for educational programs. The planner will assist in analyzing information to determine the development of centralized vocational and technical activity and the probable location and comprehensiveness of campus units in the districts.

SB006088

Vocational and Technical Education Programs Sponsored in the Private Sector in VTAE District 9.
Project Director: Parkinson, George A.
Organization: Milwaukee Area Technical Coll., Wis.
Funding Period: Start Date 1 Jan 71; End Date 1 Feb 72
Contract and/or Control No.: 09-053-151-222

This project will determine to what extent the private sector provides formal training programs in vocational and technical education in the Milwaukee area, assess the influence of such programs in filling local manpower needs, incorporate this information into ongoing program evaluation and development tasks performed by Milwaukee Area Technical College, and develop monitoring techniques to keep this information current.

SB006089

Mini-Grants to Teachers for Research and Development of Micro-Teaching Units.
Project Director: Lambert, Roger
Organization: Blackhawk Vocational-Technical School, Janesville, Wis.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 05-015-151-222

Teachers will be helped to develop micro-teaching units as a result of mini-grants made possible by this project. Objectives are to promote use of micro-teaching units; identify materials, ideas, and methods for micro-teaching; and develop micro-teaching units. A four-hour workshop will be held as an inservice program for teachers selected to receive mini-grants.

SB006090

Home Economics Assistant Study.
Project Director: Paulsen, Russell
Organization: North Central Technical Inst., Wausau, Wis.
Contract and/or Control No.: 15-033-151-222

The purpose of this project is to take an indepth look at the placement opportunities available for graduates of the home economist assistant program and identify related job skills. Fifty prospective employers within the district will be interviewed, and questionnaires will be mailed to prospective employers outside the district.

SB006091

Survey of Marketing Students.
Project Director: Cressman, Ruth
Organization: Milwaukee Area Technical Coll., Wis.
Contract and/or Control No.: 09-007-151-222

This project will determine the educational and vocational progress of 497 students enrolled in Milwaukee Area Technical College beginning with the fall semester 1967 and will determine if patterns of personal characteristics exist which might be predictive of success in marketing programs and subsequent employment. Questionnaires will be sent to the students.

SB006092

Health Occupations.
Organization: West Allis Joint City School District 1, Wis.

Descriptive information unavailable.

SB006093

Agriculture Curriculum.
Organization: Wisconsin State Dept. of Public Instruction, Madison.

Descriptive information unavailable.

SB006094

Distributive Education Resource Center.
Organization: Wisconsin State Dept. of Public Instruction, Madison.

Descriptive information unavailable.

SB006095

Comprehensive Follow-Up.
Organization: Cooperative Educational Service Agency 11, La Crosse, Wis.

Descriptive information unavailable.

SB006096

Equal Career Opportunities.
Organization: Cooperative Educational Service Agency 5, Elmwood, Wis.

Descriptive information unavailable.

Fiscal Year 1973

SB006097 VTP-881

Research of Effects of Visual Materials in Manufacturing Process on Learning, Phase Two.
Project Director: Mallow, Lewis P., Jr.
Organization: District 1 Technical Inst., Eau Claire, Wis.
Funding Period: Start Date 1 Jun 73; End Date 30 Jun 74

The goal of this project is to prepare commentary to accompany the slides which were prepared in the original project and test the audiovisual materials on classes in mechanical design to determine their efficacy in classroom learning. Phase two of this project will revisit the plants, review the slides, and record commentary on tape. The project will also complete the study guides and the development and administration of pre and posttests.

SB006098 VTP-883

Developing Individualized Instruction for Rural Disadvantaged Providers of Family Day Care Services.
Project Director: Walter, Barbara J.
Organization: Western Wisconsin Technical Inst., La Crosse.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objectives of this project are to develop and provide a certified training course for child day care providers in rural areas. Materials to be presented through the use of film strips, recordings, simple concept films, and other aids will be developed by the four vocational district schools. All materials will be assembled into kits.

SB006099

Manpower Needs in Southwest Wisconsin.
Organization: Southwest Wisconsin Vocational-Technical School, Fennimore.

Descriptive information unavailable.

SB006100 VTP-884

Identifying Competencies in the Food Service Industry as Related to Curriculum Articulation.
Project Director: Anderson, Ronald H.
Organization: Southwest Wisconsin Vocational-Technical Inst., Fennimore.
Funding Period: Start Date 1 Dec 73; End Date 30 Mar 74

The aim of this project is to identify competencies of food service employees which are significant to curriculum design at the secondary and postsecondary school level. Available literature will be reviewed. A survey instrument will be constructed and administered. The results will be tabulated and evaluated, and a comprehensive report will be written.

SB006101 VTP-885

Evaluation of Auto Mech and Tech Curriculum in Terms of Employers Rating of Job Performance of Former Students.
Project Director: Maiers, Merlin
Organization: Wisconsin State Board of Vocational, Technical, and Adult Education District 4, Madison.
Funding Period: Start Date 1 Jul 72; End Date 23 Dec 72

The primary objective of this project is to obtain employer ratings and curriculum evaluations in automotive technology and auto mechanics based on job performance of approximately 200 graduates in each program. The survey method will be used to gather data from 200 employers in Wisconsin to determine their satisfaction with the employee as to the concepts presumably learned in the curriculum. The curriculum requirements of the Wisconsin Board will be used as a basis for constructing the questionnaire. The data will be analyzed in terms of summations and percentages of responses.

SB006102

Development of an Ordered Inventory of Expectations of Post-Secondary Vocational, Technical, and Adult Education in the State of Wisconsin.
Project Director: Malik, Mohammed A.
Organization: Waukesha County Technical Inst., Waukesha, Wis.
Contract and/or Control No.: 08-025-151-223

An inventory of expectations will be developed through analyzing data compiled from a representative sample of school, business, and state administrators and a random sample of Wisconsin residents. An itemized questionnaire will be mailed to selected participants; and they will be asked to rate each item on a numerical scale of 1-7 as to the desirability of its being an objective of vocational, technical, and adult education in Wisconsin.

SB006103 **VTP-887**

Vocational and Technical Educational and Training Programs Sponsored by Business, Industry, Labor, and Government in Wisconsin.
Project Director: Redovich, Dennis
Organization: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison.
Funding Period: Start Date 1 Dec 71; End Date 30 Jun 73

The objective of the project is to determine the area of training presently provided and describe these programs and their relationship to programs offered by VTAE districts. Data for the study will be obtained by interviews with a sample of personnel from business, industry, and government training programs in Wisconsin. Trade and industry coordinators and other VTAE district personnel will carry out the interviews. The results of this study will be useful in statewide planning in vocational and technical education.

SB006104 **VTP-901**

Greater Milwaukee Metropolitan Area Career Education Project Office Proposal.
Project Director: McIntyre, Cal
Organization: Wilwaukee Area Technical Coll., Wis.
Funding Period: Start Date 1 Jan 73; End Date 30 Jun 73
Contract and/or Control No.: 09-082-151-223

This project will provide for the establishment of a project office and the hiring of a project director and project secretary. The director will carry out assessment, leadership, and promotion activities by administering questionnaires, making school visits, and developing area committees.

SB006105 **VTP-900**

Career Education--A Family Approach.
Project Director: Martin, Mary
Organization: Wisconsin State Board for Vocational, Technical, and Adult Education District 10, Fond du Lac.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The objectives of this project are to (1) identify the role of a vocational, technical, and adult education district as a provider of career education for the family; (2) identify the needs and concerns of parents for family life education (including child care and guidance); (3) recommend changes in classes and programs offered by VTAE 10, (4) recommend new classes or programs to be developed by VTAE 10; and (5) develop information to share with other VTAE districts. The study may serve as a model for program development.

SB006106 **VTP-1145**

Investigating the Interaction of Learning Styles and Types of Learning Experiences and Assessment of Their Impact Upon Learning in Post-Secondary Vocational-Technical Education Programs.
Project Director: Sjarban, S. J.
Organization: Fox Valley Vocational, Technical, and Adult Education District, Appleton, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

Objectives of this project are to identify the learning styles relevant to vocational and technical programs; develop an ideal individualized learning model based on on-going learning styles research; validate and evaluate the learning model via a jury of experts; construct alternative learning experiences; determine the interaction between learning styles and the characteristics of learning experiences and modes of instruction; and expand the use of the model to other areas.

SB006107 **VTP-890**

Task Analysis-and Competencies Requirements of Vocational, Technical, and Adult Education Coordinators in Wisconsin.
Project Director: Bordini, D. J.
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jul 72; End Date 31 Oct 72

The objectives of this project are to identify tasks performed by coordinators in vocational, technical, and adult education schools; identify the frequency with which the tasks are performed and the degree of competence coordinators must possess to perform the tasks singly or collectively; and statistically treat the total analysis process. Elements will be identified which could be considered in workshops or added to training programs.

SB006108 **VTP-877**

Field Testing-The Development and Early Education of the Mentally Handicapped Child.
Project Director: Kiel, J.
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 15 Sep 72; End Date 30 Apr 73

The objectives of this study are to assist day care personnel in formulating behavioral objectives, provide a field testing situation, study the most effective teaching materials, provide a comparison for research of different approaches in developing format and content, determine the needs and characteristics of personnel employed in centers for mentally handicapped children, and develop a task analysis of the jobs workers perform.

SB006109

Faculty Research and Curriculum Multi-Project Proposal.
Project Director: Paulsen, Russell
Organization: North Central Vocational, Technical, and Adult Education District, Wausau, Wis.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 15-055-151-223

The objectives of this project are to provide a flexible source of funding research studies and curriculum development projects at the district level, thus eliminating yearly project deadlines, and stimulate faculty interest and participation in research studies and curriculum improvement projects.

SB006110

Northwestern Wisconsin Recreation Survey for Vocational Program Development.
Project Director: Vander Kamp, Lorraine M.
Organization: Wisconsin Indianhead Vocational, Technical, and Adult Education District, Shell Lake.

Key factors which attract tourists to northwestern Wisconsin and the services and attractions tourists would like to have added or improved will be determined in the first phase of this project. The second phase will determine training needs in the recreation industry. A needs model of an area tourist and a task model of a successful recreation operator will be developed.

SB006111

Convergence Research Project: Phase II.
Project Director: Nelson, Orville
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 19-003-151-223

This project will attempt to identify additional research problems for the convergence matrix, review completed research projects, identify and review projects presently underway, provide an information retrieval service on research problems, and synthesize the results of the research projects in specific steps of the research matrix.

SB006112

The Continued Study of the Impacts of Graduate Student Research Projects on the Participant's Research Skills and Attitudes Toward Research.
Project Director: Nelson, Orville
Organization: Wisconsin Univ. - Stout, Menomonie.

Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 19-004-151-224

Objectives of this project are to (1) identify skills required to design, manage, and carry out small research projects; (2) develop positive attitudes in graduate students toward research; (3) estimate the degree to which graduate students can generate research of value to the VTAE system; and (4) determine the long-range impacts of the graduate student research experience.

SB006113 **VTP-892**

An Evaluation of Three Pilot Courses: The Development in Early Education of the Mentally Handicapped Child.
Project Director: Keil, Janice
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 15 Oct 72; End Date 20 Jun 73

The objective of this project is to assess the effectiveness of the course, "The Development and Early Education of the Mentally Handicapped Child" (as offered on a pilot basis in the Stevens Point, Green Bay, and Eau Claire areas by the respective vocational, technical, and adult education schools) in meeting the objectives of the course as designated by the Wisconsin Department of Health and Social Services, and the needs of the individuals enrolled in the course.

SB006114

Occupational Psychology Has a Greater Objective Achievement Potential for Industry and Technical Institutes than the Traditional Elementary Psychology and Human Relations Course Presently Offered.
Project Director: Stoll, Philip
Organization: Moraine Park Technical Inst., Fond du Lac, Wis.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 10-043-151-223

This project will attempt to determine the extent to which each of seventeen districts prepares students to meet the demands set by industry for employees. A series of questionnaires will be developed to gather information from students in the technical institute system who are ultimately seeking placement in industry.

SB006115

Computer Augmented Accounting.
Project Director: Breese, William E.
Organization: Vocational, Technical, and Adult Education District 9, Milwaukee, Wis.
Funding Period: Start Date 1 Jul 73; End Date 31 Dec 73
Contract and/or Control No.: 09-076-151-223

The purpose of the project is to facilitate the learning of basic concepts and techniques of accounting and increase the impact of this learning experience through the use of the computer. Students in managerial accounting, cost accounting, and income tax accounting will have an opportunity to make use of the computer in solving their accounting problems.

SB006116

Analysis and Simulation of Curriculum Development Procedures, a Seminar for Curriculum Specialists.
Project Director: Nelson, Orville
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Feb 73; End Date 31 Jul 73
Contract and/or Control No.: 19-004-151-223-B

This project will develop an exemplary, mediated instructional package and several simulations to be used for the inservice training of curriculum specialists in the Wisconsin VTAE system. The materials will be validated in a four-day seminar at the Center for Vocational, Technical, and Adult Education at the Unviversity of Wisconsin, Stout.

SB006117

The Feasibility of Using Work Evaluation as a Tool for Assessment in Adult Basic Education.
Project Director: Anderson, John T.
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 15 Feb 73; End Date 30 Jun 73
Contract and/or Control No.: 19-004-151-223-C

The purpose of the project is to determine if a work evaluation program can be used by Adult Basic Education (ABE) programs in the state and determine the value of such a program to ABE programs and students. Procedures will include administering a work evaluation plan and conducting a follow-up study of four ABE students from ABE schools in the state.

SB006118

Assessment of the Professional Teaching Competencies Needed by Call-Staff Teachers in Wisconsin VTAE System.
Project Director: Niccum, Bryan
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 15 Jan 73; End Date 30 Jun 73
Contract and/or Control No.: 19-004-151-223-D

The needs of VTAE call-staff teachers will be identified in this project so that professional development experiences can be developed for these people. A representative sample of call-staff personnel will be selected for the survey portion of the study. Two urban and two nonurban VTAE districts will be used in the study.

SB006119

Syllabus and Curriculum Development for Typing III, Utilizing an Individualized Instructional Approach.
Organization: North Central Technical Inst., Wausau. Wis.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 15-055-151-223-D

A course syllabus and related instructional materials for Typing III will be developed as a result of this study. Currently available materials and overall goals and objectives will be studied. Working in cooperation with an instructional materials lab, slides and audiotapes will be prepared to correlate with the course syllabus.

SB006120

Faculty Research and Curriculum Multi-Project Proposal (c): An Analysis of Industrial Supervisor Tasks in North Central VTAE District.
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 15-055-151-223C

The purpose of this study is to determine the tasks common to business and industrial supervisors in the various industries within North Central VTAE District. Objectives are to identify specific tasks of supervisors and the skills necessary to accomplish these tasks. Statistical analysis of the data obtained will be conducted to determine those tasks common to all industrial supervisors surveyed.

SB006121 **VTP-893**

Evaluation of Secretarial Science Program.

The objective of this project is to evaluate the two-year associate degree secretarial science program in terms of meeting student needs. The survey method will be used to collect data and information. The study of students entering the program in all VTAE districts during the fall of 1971 will be used in collecting withdrawal and follow-up information for the project.

SB006122

Identification of Vocational Education Services, Levels and Parameters Provided for the Disadvantaged and Handicapped by Public and Private Sectors in District 10.
Project Director: Stoll, Philip
Organization: Moraine Park Vocational, Technical, and Adult Education District 10, Fond du Lac, Wis.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 10-007-151-223

This project will determine the extent to which public and private sectors are providing vocational training for disadvantaged and handicapped invdividuals in the district. A series of questionnaires will be developed to gather information, and personal interviews will be arranged to assist in information gathering.

SB006123

Comprehensive Career Education Center Model.
Organization: Moraine Park Vocational, Technical, and Adult Education District 10, Fond du Lac, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 10-001-151-314

Objectives of this project are to develop a Comprehensive Career Education Center to serve private schools and public school districts within the Moraine Park VTAE District and develop a vehicle for disseminating materials to all private and public schools within the district. The center will serve as a model to others while avoiding duplication of effort by schools in the district.

SB006124

Greater Milwaukee Metropolitan Area Career Education Project Office Proposal.
Project Director: McIntyre, Calvin
Organization: Milwaukee Area Technical Coll., Wis.
Funding Period: Start Date 1 Jan 73; End Date 30 Jun 73
Contract and/or Control No.: 09-082-151-223

The purpose of this project is to establish an office and designate a project director for the Cooperative Career Education Project for the Milwaukee Area schools to establish continuity, organization, coordination, and purpose for the project. Major activities to be carried on by the project office are assessment, leadership, and promotion of career education K-adult programs.

SB006125

Evaluation of Agriculture Project.
Organization: Wisconsin Univ., Madison.
Descriptive information unavailable.

SB006126

U.W.E. Monts.
Organization: Wisconsin Univ., Madison.
Descriptive information unavailable.

SB006127

Mass Communication Supt.
Organization: Wisconsin District 1 Technical Inst., Eau Claire.
Descriptive information unavailable.

SB006128

Planning Consortium.
Organization: Milwaukee Area Technical Coll., Wis.
Descriptive information unavailable.

SB006129

Career Development - CESA #19.
Organization: Cooperative Education Service Agency 19, Milwaukee, Wis.
Descriptive information unavailable.

SB006130

D.P.I. Health.
Organization: West Allis Public Schools, Wis.
Descriptive information unavailable.

SB006131

Distributive Education Consortium.
Organization: Wisconsin Univ., Madison.
Descriptive information unavailable.

SB006132

Evaluation of Cable TV as a Delivery System for Vocational and Adult Education.
Project Director: Wohlfeil, Lois
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 15 Jan 73; End Date 30 Jun 73

This project will produce thirteen half-hour cable television programs, "Learning Never Ends," which will promote the image and content of the Menomonie Vocational and Adult School homemaking programs. A survey will be used to determine reactions of 400 of the 2,600 cable subscribers to justify a budget for another year and determine the implications of cable televison for vocational education.

Fiscal Year 1974

SB006133 VTP-1140

Task Analysis-Optometric Assistant.
Organization: Lakeshore Vocational, Technical, and Adult Education District, Sheboygan, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

Objectives of this project are to identify tasks actually performed by optometric assistants and assess task frequency and importance as perceived by the assistant and the optometrist. Further breakdown will be made regarding the type of training the assistant has received. The results will be published and distributed.

SB006134

Investigating the Interaction of Learning Styles and Types of Learning Experiences and Assessment of Their Impact Upon Learning in Post-Secondary Vocational-Technical Education Programs.
Project Director: Sjarban, S. J.
Organization: Fox Valley Vocational, Technical, and Adult Education District, Appleton, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

Objectives of this project are to (1) identify the learning styles relevant to vocational and technical education, (2) develop an individualized learning model based upon ongoing learning styles research at Fox Valley Technical Institute, (3) validate and evaluate the learning model via a jury of experts, (4) construct alternative learning experiences, and (5) determine the interaction between learning styles and the characteristics of learning experiences and models of instruction.

SB006135 VTP-1146

Civil Highway Curriculum Evaluation.
Project Director: Potthast, Arnold
Organization: Northeast Wisconsin Vocational, Technical, and Adult Education District, Green Bay, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The purpose of this project is to obtain employer ratings of graduate performance, listings of job tasks, ratings of present curriculum content, and recommendations for curriculum content changes and graduate/employee listings of job tasks, rating of present curriculum content, and recommendations for changes.

SB006136

Faculty Research and Curriculum Multi-Project Proposal. An Analysis of Industrial Supervisor Tasks in North Central VTAE District.
Project Director: Hoyt, Lawrence B.
Organization: North Central Technical Inst., Wausau, Wis.

The purpose of this project is to determine the tasks common to business and industrial supervisors in the various industries within the VTAE district. Objectives are to identify specific tasks of supervisors and the specific skills to accomplish these tasks.

SB006137 VTP-1166

A Pilot Research Project to Determine the Feasibility of Developing Health Related Occupations Curricula at Nicolet College and Technical Institute.
Organization: Nicolet Vocational, Technical, and Adult Education District, Rhinelander, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

Objectives of this project are to determine the extent of need for trained personnel in various health careers in northern Wisconsin in general and the Nicolet VTAE District in particular, if Nicolet residents who enroll in health programs in other districts return to the

area to work, and alternative ways to meet service needs that are more advantageous than beginning or maintaining training programs.

SB006138 **VTP-1167**

Faculty Research and Curriculum Multi-Project Proposal.
Project Director: Cary, James W.
Organization: Wisconsin Indianhead Vocational, Technical, and Adult Education District, Superior.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The purpose of this project is to provide a flexible source of funding research studies and curriculum development projects at the district level, thus eliminating the once a year project deadlines, and stimulate faculty interest and participation in research studies and projects. Research ideas and curriculum development projects will be identified by faculty and administration working with business, industry, and state staff.

SB006139 **VTP-1141**

Evaluation of Civil Structural Curriculum in Terms of Ratings by Employers and Technicians.
Project Director: Atkins, Wayne R.
Organization: Wisconsin Vocational, Technical, and Adult Education District 1, Eau Claire.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The purposes of this project are to take a personal survey of a random selection of graduates of the civil structural programs throughout Wisconsin and their respective employers to determine the strengths and weaknesses of the present civil structural technology curriculum, select a number of graduates and their respective employers for survey through a mailed document, and interpret data and make recommendations for improvements in the civil structural technololgy curriculum.

SB006140 **VTP-1151**

An Investigation of the Effectiveness of the Individualized Instruction for Rural Providers of Family Day Care Services.
Project Director: Walter, Barbara
Organization: Western Wisconsin Vocational, Technical, and Adult Education District, Stout.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objectives of this project are to aid instructors in conducting and evaluating the ten-hour individualized course, evaluate the pre and posttests and the results of other tests administered, recommend changes in the materials or procedures based on the test analyses and instructors' reports, and report the findings and recommendations of the investigations.

SB006141 **VTP-1152**

A Comparative Analysis of Student and Teacher Attitudes Toward Individualized and Traditional Instruction.
Project Director: Hogan, Daniel
Organization: Southwest Wisconsin Vocational, Technical, and Adult Education District, Fennimore.
Funding Period: Start Date 1 Oct 73; End Date 30 Apr 74

This project intends to determine if students prefer traditional instruction or self-paced, individualized instruction as a prime facilitator to the learning process and if characteristics of the student respondents are significant when comparing students who prefer traditional instruction with students who select self-paced learning. If student preferences are sufficiently in agreement with faculty and other research, the offering of a single mode of instruction may be warranted.

SB006142 **VTP-1153**

Survey Physics Requirements for Engineering Technician.
Project Director: Banerdt, Jack
Organization: Gateway Vocational, Technical, and Adult Education District, Kenosha, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

This project intends to increase the relevancy of physics courses in a changing technical society, investigate the physics needs of local technicians and their supervisors, investigate the relative importance perceived by technicians and their supervisors of physics topics, increase the awareness of local industry of courses available, and involve the community and local industry to a greater extent in curriculum planning.

SB006143 **VTP-1154**

Project Office Proposal (Phase II).
Project Director: Manske, Richard G.
Organization: Wisconsin Vocational, Technical, and Adult Education District 9, Milwaukee.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The purposes of this project are to provide leadership for an area-wide career education needs assessment for grades K-12 carried out at the local school level, work with district high schools to find ways to eliminate unnecessary duplication of programs, encourage local funding of career education programs, involve secondary and post-secondary vocational and technical advisory committees in studying local manpower needs, and cooperatively conduct a series of career education leadership seminars and workshops.

SB006144

Computer Augmented Accounting.
Project Director: Breese, William E.
Organization: Vocational, Technical, and Adult Education District 9, Milwaukee, Wis.

The purpose of the project is to facilitate the learning of basic concepts and techniques of accounting and increase the impact of this learning experience through the use of the computer. Students in managerial accounting, cost accounting, and income tax accounting will have an opportunity to make use of the computer in solving their accounting problems.

SB006145 **VTP-1143**

Course Content and Program Evaluation Model.

The objectives of this project are to evaluate the course content and incorporate content that meets the needs of students and employers in agriculture, health occupations, distributive, office and technical education, trade and industry. Questionnaires and nominal groups will be used to collect data. The course content of the curriculum will be changed to comply with the analysis of the collected data.

SB006146 **VTP-1144**

Vocationally Coordinated Curriculum for General Education.
Project Director: Sorensen, Robert T.
Organization: Moraine Park Vocational, Technical, and Adult Education District 10, Fond du Lac, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The purposes of this project are to redesign the general education curriculum (communications and social science), provide flexibility in application of subject matter and method of instruction, explore opportunities for innovative methods, coordinate general education curriculum with needs and interests of the students, coordinate general education curriculum with the objectives of vocational and technical programs, coordinate implementation of the general education curriculum with the counseling process, and investigate the applicability of the general education curriculum to other VTAE districts.

SB006147

Self-Instructional Slide/Tape Series for ERIC and NTIS Users.
Project Director: Howison, Beulah
Organization: Wisconsin Univ. - Stout, Menomonie.
Contract and/or Control No.: 19-048-151-224

The purpose of this project is to develop three sets of self-instructional materials which will encourage and motivate vocational and technical educators in the VTAE schools to utilize the indexes and retrieval services available through the Educational Resources Information Centers (ERIC) and the National Technical Information Service (NTIS).

SB006148

The Continued Study of the Impacts of Graduate Student Research Projects on the Participant's Research Skills and Attitudes Toward Research.
Project Director: Nelson, Orville
Organization: Wisconsin Univ. - Stout, Menomonie.
Contract and/or Control No.: 19-004-151-224

Objectives for this project are to develop in graduate students skills required to design, manage, and carry out small research projects; develop positive attitudes toward research; estimate the degree of value of graduate student research in the VTAE system; identify

critical skills and required support services; and determine the long-range impacts of the graduate student research experience.

SB006149

Curriculum Evaluation of Secretarial Science Program.
Project Director: Goodman, David G.
Organization: Wisconsin Univ., Whitewater.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 19-011-151-224

The overall objective of this study is to evaluate the two-year associate degree secretarial science program in terms of meeting student needs. Specific objectives include identifying and evaluating the reasons given by students for withdrawal, following up and assessing occupational success of students leaving as graduates or early withdrawals, and comparing student educational and work experience backgrounds with achievement in the program and occupational success.

SB006150 VTP-1168

Evaluation of Architectural Technology Curriculum in Terms of Employers' Rating of Job Performance of Former Students.
Project Director: Maiers, M. J.
Organization: Wisconsin Vocational, Technical, and Adult Education District 4, Madison.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The purpose of this project is to obtain employee ratings and curriculum evaluations in architectural technology based on job performance of about 150 graduates; verify and develop revision recommendations; obtain an employer assessment on the amount and type of general vs. technical related education; ascertain an employer assessment of future employment shifts; and develop recommendations for improving effectiveness and increasing relevance of the curriculum in content, equipment, facilities, program organization, administration, and staffing.

SB006151 VTP-1253

Conceptual Framework for Conducting Cost Benefit Studies in Wisconsin VTAE.
Project Director: Geyl, Doyle
Organization: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The purpose of this project is to identify sources, types, limitations, and data available for determining a conceptual framework for conducting cost benefit studies in vocational, technical, and adult education. An attempt will be made to develop a report of alternative approaches and recommendations for developing a mode. A cost benefit analysis technique will be developed, as will procedures for its implementation.

SB006152 VTP-1252

Descriptive Cost Benefit Studies of Selected Wisconsin VTAE Programs.
Project Director: Krogstad, Roland J.
Organization: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison.
Funding Period: Start Date 1 Nov 73; End Date 30 Jun 74

Objectives of this project are to (1) identify eight postsecondary VTAE programs to be studied; (2) identify vocational and technical education benefit variables in economics, sociology, psychology, and politics; (3) determine perceived intangible benefits of vocational and technical education from students, former students, educators, and employers; and (4) determine tangible benefits of eight selected vocational and technical education programs.

SB006153 VTP-1237

Information Retrieval Demonstration and Research Project.
Project Director: Lambert, Roger
Organization: Wisconsin Univ., Madison.
Funding Period: Start Date 1 Dec 73; End Date 30 Jun 74

The purpose of this project is to install and operate computer terminals as part of an information retrieval and research project. Computer terminals will be installed in eight districts which volunteer to take part in the project. Inservice training sessions will be held for terminal operators, and an analysis of alternative potential uses of computer terminals will be made.

SB006154 VTP-1221

An Investigation of Required Competencies and Curriculum Evaluation in Metal Occupations.
Project Director: Welch, William G.
Organization: Western Wisconsin Vocational, Technical, and Adult Education District, La Crosse.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objectives of this project are to evaluate the effectiveness of existing programs in the metals area; conduct a task analysis in the metals area as a basis for future curriculum decisions; and aid in curriculum changes, development and trends in the metals field, in relation to programs in machine tools, welding and metal fabrication. The study will be conducted through both mailed surveys and personal interviews.

SB006155 VTP-1286

Assessment of the Impact of the Wisconsin Research Coordinating Unit.
Project Director: McCaslin, Norval L.
Organization: Ohio State Univ., Columbus.
Funding Period: Start Date 1 Sep 73; End Date 30 Jun 74

The goals of this project are to assess the impact of the research, development, and exemplary activities in the state; identify and analyze the pattern of change; identify the relationship between activities; and assess the approval process for the activities. The four phases of the project will include identifying projects, determining the operational mode of instrumentation, collecting data, and analyzing data.

SB006156 VTP-1587

Follow-Up Study of 1973 Summer Program Offered Jointly by Stout and NCTI.
Project Director: Paulsen, Russell
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objectives of this project are to determine faculty reaction to the project in the high school where the student is in regular attendance, solicit reactions from students that were in the program as to their feelings concerning the value it had for them, and explore parental/guardian reaction as to the value that they may have seen as a result of their child having been involved in the experience.

SB006157 VTP-1565

A Study of the Attitude Dimension of the Potential Early Withdrawal Student at NCTI.
Project Director: Paulsen, Russell
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The goal of this project is to determine if measuring attitudes toward a continuing student, a withdrawing student, and self can provide an index of attitude to be used with grade point averages and IQ scores to predict early withdrawal. Three attitude tests will be administered to three groups of students attending various workshops, and a factor analysis of each concept will be conducted.

SB006158 VTP-1564

A Task Analysis Study to Determine Curriculum Elements Needed to Train Industrial Maintenance Men to Repair and Maintain Industrial Load Handling Equipment.
Project Director: Paulsen, Russell
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

The objectives of this project are to formulate and implement an extension program to upgrade employed maintenance men and conduct the program in outlying areas of the district. An analysis of handling equipment will be conducted, and the specific skills and knowledge necessary to perform the maintenance will be determined. A curriculum to teach the skills and knowledges identified will be developed.

SB006159

Syllabus and Curriculum Development for Typing IV, Utilizing an Individualized Instructional Approach.

Project Director: Paulsen, Russell
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 1 Jan 74; End Date 30 Jun 74
Contract and/or Control No.: 15-055-151-224-A

The goals of this project are to develop a course syllabus for Typing IV and develop individualized instructional materials using slides and audiotapes to correlate with class instruction. Evaluation of the program will include comparisons of student grades, progress, attendance, and attrition with data from previous years. Student reactions to the instructional approach will also be collected.

SB006160

Curriculum Workshop for Pilot Programs in Agricultural Education.
Project Director: Doering, Floyd J.
Organization: Wisconsin State Dept. of Public Instruction, Madison.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 4-2097/R104

This project will enable presentation of a seven-day workshop during the summer of 1973 for instructors in pilot programs in agriculture. Emphasis of the workshops will be to develop resource units and learning packets in areas such as horticulture, environmental science, mechanics, urban agriculture, programs for the disadvantaged, food processing, agriculture supplies, sales and services, and agricultural projects.

SB006161

Area C Follow-Up Study of High School Graduates.
Project Director: Seefeldt, Gene
Organization: Cooperative Educational Service Agency 11, La Crosse, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 4-2494/R

This project will entail conducting a second follow-up study of Area C high school students. The 1972-73 follow-up study will include data on local schools, vocational clusters, and individual Cooperative Educational Service Agencies. This year's activities will include revising the data gathering instrument, gathering additional information, and creating a greater awareness in local schools of the value of follow-up activities.

SB006162

A Multi-District Planning Consortium and Career Preparation Delivery System.
Project Director: Strong, Merle E.
Organization: Wisconsin Univ., Madison.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 4-3133/R004

Funding for this project will allow continuation of an eight-district planning consortium and career preparation delivery system. The current project will attempt to analyze and appraise influences on shared programs of such variables as student transportation; staff, student, and parent support; legal and budget constraints; and school calendar and schedule.

SB006163

Greater Milwaukee Metropolitan Area Career Education Project Office Proposal (Phase II).
Project Director: McIntyre, Calvin
Organization: Cooperative Educational Service Agency 19, Milwaukee, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 09-022-151-224

Phase II of this project will provide continued funding for the project office of the Greater Milwaukee Metropolitan Area Career Education project. The activities of this office will be to provide leadership for an area-wide cooperative venture in career education programming.

SB006164

Evaluation Workshop for Career Education Programs.
Project Director: Nelson, Orville
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 4-3616/R

The aim of this project is to develop a career education evaluation system which has validity and utility for the decisions which career education workshop participants have to make in relation to their respective career education programs. Lecture, discussion, individual counseling, work sessions, and simulations will be used to help achieve project objectives.

SB006165 **VTP-1854**

Developing Instructional Materials to Aid in Implementing the Wisconsin "Guide to Local School Improvement in Industrial Education, K-12."
Project Director: Wright, Lawrence S.
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Sep 73; End Date 30 Jun 75

The objectives of this project are to (1) identify specific areas in the Guide for implementation including both prevocational and capstone applications, (2) design a model and develop instructional materials in concurrence with the model (possibly self-instructional) for these areas, (3) field test the materials, (4) revise the materials as a result of the field tests, and (5) publish the materials.

SB006166

D.E. Resource Center.
Organization: Wisconsin Univ., Madison.
Descriptive information unavailable.

SB006167

Facilities Planning for I.E.
Organization: Wisconsin Univ. - Stout, Menomonie.
Descriptive information unavailable.

SB006168

Inter-District Vocational Education.
Organization: Cooperative Educational Service Agency 13, Waupun, Wis.
Descriptive information unavailable.

SB006169 **VTP-2007**

Development of Instructional Materials for Use by Home Economics Teachers with EMR Students.
Project Director: Horn, Fern M.
Organization: Wisconsin Univ., Stevens Point.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 4-3670/R004

The aim of this project is to identify and review all available curriculum materials in home economics which have been developed for use with educable mentally retarded students. Gaps in the materials will be determined, and instructional materials will be developed. Inservice workshops will be conducted and the curricula will be reviewed, revised and organized into a publication.

SB006170

Food Service Workshop.
Organization: Wisconsin State Dept. of Public Instruction, Madison.
Descriptive information unavailable.

SB006171

Business Education Curriculum.
Organization: Wisconsin State Dept. of Public Instruction, Madison.
Descriptive information unavailable.

Fiscal Year 1975

SB006172 **VTP-1589**

A Study of the Transportability and Effectiveness of the UW-Stout CMIS in Individualized Instruction Systems Based Upon Learning Styles.

Project Director: Hilgendorf, Allan
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

Objectives of this project include reviewing the computer programs and information obtained from two different trial applications of a Computer Managed Information System (CMIS) to formulate a more generalized flow chart of the basic model, implementing the CMIS model in three VTAE schools and assisting teachers and administrators to adapt the system to their needs, identifying all hardware-or logic-related problems involved with implementing the CMIS in the three schools, and using that information to improve the system portability.

SB006173 **VTP-1583**

Investigating the Interaction of Learning Styles and Types of Learning Experiences and Assessment of Their Impact Upon Learning in Post-Secondary Vocational-Technical Education Programs.
Project Director: Spanbauer, Stanley
Organization: Fox Valley Technical Inst., Appleton, Wis.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purposes of this project are to identify the learning and preferred teaching styles of teachers and incoming students of Fox Valley Technical Institute, identify the reading level and style of materials and match them with the content, and revise the management information system. All incoming students and faculty will be diagnostically tested, and evaluation instruments will be developed.

SB006174 **VTP-1584**

Evaluation of Farm Training.
Project Director: Warner, Leonard
Organization: Fox Valley Technical Inst., Appleton, Wis.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of this project is to determine if the farm training program is meeting its objectives through its present format and if the guidelines can be modified or adapted to reduce costs. The benefits acquired from this program will also be determined, as well as the educational needs of graduates. A personal interview and questionnaire will be administered to 100 to 125 randomly selected students of the program. Twenty instructors will be interviewed also.

SB006175 **VTP-1549**

An Investigation of Required Competencies and Curriculum Evaluation in Metal Occupations.
Project Director: Welch, William G.
Organization: Western Wisconsin Technical Inst., La Crosse.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: 02-044-151-225

The aims of this project are to evaluate the effectiveness of existing programs in the metal area; conduct a task analysis; and aid in curriculum changes, development, and trends. The study will be conducted through both mailed surveys and personal interviews through sampling techniques. The surveys will use a common instrument for the purpose of comparability of data.

SB006176 **VTP-1585**

Civil Highway Curriculum Evaluation.
Project Director: Haubenschild, K. W.
Organization: Northeast Wisconsin Technical Inst., Green Bay.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to obtain employer ratings of graduate performance, listings of job tasks, and recommendations for curriculum changes and identify the basis for revising the curriculum. Curriculum materials will be collected; differences in teaching methods, content, performance, and objectives will be identified; and the common program elements will be identified for development of a questionnaire.

SB00617

Evaluation of Architectural Technology Curriculum in Terms of Employer Rating of Job Performance of Former Students.
Project Director: Maiers, M. J.
Organization: Wisconsin Vocational, Technical, and Adult Education District 4, Madison.

The purpose of this project is to obtain employers' rating and evaluations of curriculum in architectural technology based on job performance of approxumately 150 program graduates, verify and develop recommendations for revising essential dimensions of the two-year programs, and develop recommendations for improving program effectiveness.

SB006178

A Study of the Competencies Unique to the Educators of Adults in the VTAE System.
Project Director: McClellan, Virginia B.
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: 19-006-151-225-C

This project will identify the competencies of an effective adult educator in the Vocational, Technical, and Adult Education (VTAE) system. A survey will be made of a sample of administrators, coordinators, supervisors, and instructors of the sixteen VTAE districts in the state. The project aims to help adult educators develop better programs, instruction, and relationships with adult learners.

SB006179

Development of a Process to Identify Competencies Common to Two or More Jobs.
Project Director: Yost, Charles E.
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: 19-063-151-225

The intent of this project is to develop a process to identify competencies common to two or more jobs, determine if task analyses provide sufficient data to conduct the competency transfer analysis, and validate the process with a small sample of persons who have made job changes. The results should assist in the development of relevant program content for training and retraining in occupational preparation.

SB006180

Assessment of the Impact of the Wisconsin Research Coordinating Unit.
Project Director: McCaslin, N. L.
Organization: Ohio State Univ., Columbus. Center for Vocational and Technical Education.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: 19-064-151-225

This project will attempt to evaluate the impact of the Wisconsin Research Coordinating Unit (RCU) with emphasis on its research and exemplary activities and assess their influence on occupational education in Wisconsin between January 1, 1966, and June 30, 1973. An attempt will also be made to identify the relationship between local support, program change, and policy direction resulting from the research and development activities of the RCU.

SB006181 **VTP-2000**

Comprehensive Manpower Study,
Project Director: Sorensen, Robert
Organization: Moraine Park Technical Inst., Fond du Lac, Wis.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: 10-068-151-225

The objective of this project is to survey business and industry to get data on the various occupational areas in which Moraine Park Technical Institute offers occupational training and identify all occupational areas of present and projected employment. A system of keeping employment data updated will be developed, and a data gathering instrument will be developed.

SB006182 **VTP-1581**

Greater Milwaukee Metropolitan Area Career Education Project Office Proposal, Phase III.
Project Director: Manske, Richard G.
Organization: Milwaukee Ares Technical Coll., Wis.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to act as a catalyst for the development of a K-Adult career education program; collect and disseminate information about career education activities; and plan and conduct workshops, seminars, and conferences for career education staff and the public. Periodic visits to area schools will be conducted, a

monthly newsletter will be published, and a career education lending library will be operated.

SB006183 **VTP-1548**

Assessment and Determination of Basic Competencies Necessary for Utility Operators Utilizing Ground Water Supplies.
Project Director: Wagner, Daniel
Organization: Southwest Wisconsin Vocational-Technical Inst., Fennimore.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The goals of this project are to identify competencies for entry-level and mid-management positions in the municipal services employment area by means of a research instrument, develop competency-based guides flexible enough to be used on a state-wide basis, and examine and refine existing curriculum materials.

SB006184 **VTP-1760**

An Analysis of Secondary School Vocational Agriculture Instructors' Philosophical Positions on Contemporary Educational Issues.
Project Director: Matteson, Harold R.
Organization: Wisconsin Univ., Madison.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

Purposes of this project are to identify current issues that confront high school vocational agriculture instructors, identify alternative philosophical positions these teachers could take regarding these issues, solicit instructors' beliefs by asking them to choose from alternative positions, and suggest implications these findings have for development of teacher education curriculum and for curriculum used in high school agriculture programs.

SB006185 **VTP-1771**

Secondary Vocational Education Curriculum Resource Unit.
Project Director: Lambert, Roger H.
Organization: Wisconsin Univ., Madison.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to further develop the center; identify the services of the regional laboratory and develop an accessibility system; and identify, collect, or develop materials for the unit. Project assistants will be assigned to the program and will work with a departmental staff member.

SB006186 **VTP-1768**

Office Occupations Classification.
Project Director: Wunsch, Dan
Organization: Wisconsin Univ., Eau Claire.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purpose of this program is to identify which type of office jobs are available for secondary school office education graduates and what skill standards are required. Other appropriate data will be gathered through a revised questionnaire survey instrument.

SB006187

Greater Milwaukee Metropolitan Area Career Education Project Office.
Organization: Milwaukee Cooperative Educational Service Agency, Wis.

Descriptive information unavailable.

SB006188 **VTP-1766**

Developing Instructional Materials to Aid in Implementing the Wisconsin "Guide to Local School Improvement in Industrial Education, K-12."
Project Director: Wright, Lawrence S.
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The goals of this project are to identify areas in the Guide where additional efforts are needed for implementation; develop instructional materials which coincide with the model; and field test, revise, and publish the materials. A coordinator will be employed to carry out the objectives of the project.

SB006189

Information Retrieval Demonstration and Research Project.
Project Director: Lambert, Roger
Organization: Wisconsin Univ., Madison.

The purpose of this project is to install and operate computer terminals as part of an information retrieval and research project. Computer terminals will be installed in eight districts which volunteer to take part in the project. Inservice training sessions will be held for terminal operators, and an analysis of alternative potential uses of computer terminals will be made.

SB006190 **VTP-1590**

Self-Instructional Slide/Tape Series for ERIC and NTIS Users: Phase II--Developing Self-Instructional Materials for NTIS Users.
Project Director: Howison, Beulah
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to develop a self-instructional package to motivate educators and a system to access information and evaluate the impact of the two pilot systems. The motivational pilot systems will be designed, developed, and produced; and two slide/tape series will be developed.

SB006191

Area C Follow-Up Study of High School Graduates.
Organization: Cooperative Educational Service Agency 11, La Crosse, Wis.

Descriptive information unavailable.

SB006192

Guidelines for Planning Industrial Educational Facilities and Equipment, K-12.
Organization: Wisconsin Univ. - Stout, Menomonie.

Descriptive information unavailable.

SB006193

Curriculum Workshop for Pilot Programs in Agricultural Education.
Organization: Wisconsin State Dept. of Public Instruction, Madison.

Descriptive information unavailable.

SB006194

A Multi-District Planning Consortium and Career Preparation Delivery System.
Organization: Wisconsin Univ., Madison.

Descriptive information unavailable.

SB006195 **VTP-2001**

Employer Evaluation for the Layout and Erection of Agriculture Pole Buildings, Dairy Equipment and Materials Handling.
Project Director: Wagner, Dan
Organization: Southwest Wisconsin Vocational-Technical Inst., Fennimore.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: 03-026-151-225

The objectives of this project are to establish an instructional manual which will allow for self-paced instruction, develop a curriculum guide that will be flexible enough for use in full-time day programs, and develop a realistic curriculum for use in part-time instruction on a state-wide basis. Existing curriculum materials will be found and examined, and the curriculum will be disseminated to all interested individuals.

SB006196 **VTP-2012**

An Exploratory Study of the Sociological and Psychological Impacts of Mid-Career Changes for Women.
Project Director: Nelson, Orville
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

Contract and/or Control No.: 19-006-151-225

The objectives of this project are to identify areas of personal conflict for women changing careers, identify common socioeconomic and psychological benefits for these women, and design a useful model for mid-career decision making. Survey and interview procedures will be used to elicit the women's perceptions of the changes in their lives due to their career changes. Women between the ages of 30 and 49 will be sampled.

SB006197 **VTP-2010**

Data Processing Machine Operations Curriculum Evaluation.
Project Director: Becker, William J.
Organization: Gateway Vocational, Technical, and Adult Education District, Kenosha, Wis.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: 06-085-151-225

The objectives of this study will be to interview a random sample of former students of the Data Processing Machine Operations program throughout the state and their employers to determine the strengths and weaknesses of the program. The results of these interviews and surveys will be interpreted. A list of recent former student will be provided. They will be randomly sampled by either an interview or a mailed survey.

SB006198 **VTP-2009**

Model for Offering Correspondence Courses Through the VTAE System.
Project Director: Becker, William J.
Organization: Gateway Vocational, Technical, and Adult Education District, Kenosha, Wis.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of the project is to identify and review available curriculum materials in home economics which have been developed for use with educable mentally retarded students. Gaps in materials will be determined, and instructional materials will be developed. Inservice workshops will be conducted The curricula will be reviewed, revised, and organized into a publication.

SB006199 **VTP-1770**

Regional Vocational Alternatives Study.
Project Director: Wolslegel, David
Organization: Cooperative Educational Service Agency 13, Waupun, Wis.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purposes of this project are to determine the vocational program needs of the area, investigate and analyze alternative methods for sharing vocational programs, and determine the extent to which special needs students are being included in the programs. Base data will be gathered from the school, follow-up studies of graduates will be conducted, and information about the needs of special needs students will be obtained.

SB006200 **VTP-2008**

Manual for Establishing Societal Benefits and Costs of Post-Secondary Vocational Education in Wisconsin.
Project Director: Arora, Mehar
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 76
Contract and/or Control No.: 19-059-151-225

The aims of this project are to identify societal benefits of vocational programs, develop procedures for measuring the benefits with direct or proxy measures, identify societal costs of programs, and develop procedures for establishing benefit-cost ratios. The procedures will be pilot tested with one program in one district.

SB006201 **VTP-1763**

Food Service Workshop.
Project Director: Staaland, T. Elaine
Organization: Wisconsin Dept. of Public Instruction, Madison.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to refine competencies for secondary and postsecondary food service programs, adapt competencies to enable the handicapped and disadvantaged to participate in training programs, refine and further develop curriculum guides, continue to use consultants to develop articulated curriculum, and prepare a document to be field tested in selected pilot secondary and post-secondary schools.

SB006202 **VTP-1838**

Architectural Barriers in Wisconsin's VTAE System and the Handicapped.
Project Director: Nelson, Orville
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jan 75; End Date 30 Jun 75

The purpose of this project is to determine what architectural barriers exist to handicapped persons in the VTAE institutions. A checklist and rating scale will be developed for use in determining campus modifications needed.

SB006203 **VTP-1837**

Mini-Grant Program for Curriculum Research and Innovation.
Project Director: Richardson, Charles G.
Organization: Western Wisconsin Technical Inst., La Crosse.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objective of this project is to provide a means to award minigrants to staff for developing and testing individualized instruction materials and to increase faculty participation in the curriculum development process. Staff members will be encouraged to submit proposals.

SB006204 **VTP-2013**

Evaluation of Auto Body Curriculum by Utilizing Employer and Graduate Ratings.
Project Director: Wagner, Daniel
Organization: Southwest Wisconsin Vocational-Technical Inst., Fennimore.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: 03-044-151-195

The goals of this project will be to survey a random selection of graduates of the auto body programs and their employers to determine the strengths and weaknesses of the present auto body curriculum. A list of recent graduates will be provided. They will be contacted and asked to complete either a personal interview or a mailed questionnaire.

Fiscal Year 1976

SB006205

Survey of Continuing Educational Needs for Secretarial Science Personnel Within the Lakeshore District.
Project Director: Schrader, Marvin A.
Organization: Lakeshore Vocational, Technical, and Adult Education District, Cleveland, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 11-029-151-226-D

This project will attempt to study the continuing education needs of secretarial science personnel within the district and develop a proposal for offering courses to meet these needs over a period of years. Methodology used will include developing, mailing, and tabulating a questionnaire.

SB006206

Job Skills Needed in the Area of Plastic Lens Fabrication.
Project Director: Schrader, Marvin A.
Organization: Lakeshore Technical Inst., Cleveland, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 11-029-151-226-E

This project will assess the demand for plastic lens fabrication and determine the level of skills and competencies needed by the laboratory optician to perform satisfactorily on the job. A survey instrument will be developed to obtain views from a sample of persons from manufacturers and laboratories.

SB006207

Developing Instruments to Conduct Societal Benefit-Cost Studies of Vocational and Manpower Programs.
Project Director: Arora, Mehar

Organization: Wisconsin Univ. - Stout, Menomonie
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-076-151-226

This project will develop instruments to collect data regarding societal costs and benefits of vocational programs at the postsecondary level. Using a manual developed by the project's director as a guide, the proposed instruments and directions for their use will be developed.

SB006208 **VTP-2313**

Barriers to Enrollments in Post-Secondary VTAE Programs in Wisconsin.
Project Director: Farning, Max
Organization: Mid-State Technical Inst., Wisconsin Rapids, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 74-009-151-226

This project will attempt to discover the barriers which keep Wisconsin students from enrolling in postsecondary Vocational, Technical, and Adult Education (VTAE) programs. Activities will be in four phases: establishing an Ad Hoc committee; reviewing the literature; developing, field testing, and refining a questionnaire; conducting a state-wide survey; and analyzing data.

SB006209 **VTP-2333**

Student Attrition in the Wisconsin VTAE System - Phase I.
Project Director: Prindiville, Gerald D.
Organization: Northeast Wisconsin Technical Inst., Green Bay.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 13-025-151-226

The purpose of this project is to develop, test, and implement a research design for the study of student attrition in the Wisconsin VTAE System. The extent of student attrition by categories will be identified; and background characteristics, ability factors, and self-concepts which predict student attrition will be identified. Activities will include selection of independent variables and determination of data collection methods and data analysis methodologies.

SB006210 **VTP-2405**

Development of Model Systematic Trilateral Approach to Provide Continuing Education for Nursing Home and Small Hospital Personnel.
Project Director: Gruber, George J.
Organization: Lakeshore Technical Inst., Cleveland, Wis.
Funding Period: Start Date 1 Sep 75; End Date 30 Jun 76
Contract and/or Control No.: 11-029-151-226-A

The objective of this project is to develop a model to be used in providing continuous updating and refresher instruction to nursing home and hospital employees. A series of short instructional units on selected areas of nursing, housekeeping, dietary, and OSHA subject material will be presented by instructors from the Health Occupations and Home Economics Division of Lakeshore Technical Institute. A unit on safety and evacuation procedures for the facility will also be presented.

SB006211 **VTP-2412**

Task Analysis of Clothing Services Occupations.
Project Director: Szymanski, Ray
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-017-151-226-C

The purpose of this project is to identify the different jobs available and the competencies, qualifications, or education needed for employment in the clothing apparel and textile service occupations. By surveying and visiting different vocational, technical, and adult education schools and different clothing and textile employers, this project will attempt to establish a basic guide to be used as a basis for curriculum development.

SB006212

The Needs Assessment of Implementing NTIS into the VTAE System. Graduate Student Sub-Project.
Project Director: Rust, Leland W.
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-017-151-226

The aim of this project is to investigate the competencies and equipment needed by vocational educators in the implementation and use of the National Technical Information Service in the Vocational Technical Adult Education system. The study will consist of a survey and personal interviews of randomly selected vocational educators.

SB006213

An Investigation of the Competency Assessment and Appropriate Placement of Food Service Students in the Wisconsin Vocational, Technical, and Adult Education System.
Project Director: Klecker, Barney J.
Organization: Wisconsin Univ., - Stout, Menomonie.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-029-151-226-F

The aim of this study is to determine the degree to which the competencies of students entering the Wisconsin Vocational Technical and Adult Education System are assessed and used for appropriate placement in the Food Service Program. The project will provide data on procedures and techniques used in the system to identify these entering competencies.

SB006214

Assessment of the Benefits Gained Through Membership in Vocational Youth Organizations.
Project Director: Collins, Dennis R.
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-017-151-226-E

Primary emphasis of this study will be to determine whether participation in student youth organizations actually results in an increased awareness of or involvement in leadership characteristics, career growth, community involvement, and social development of members of the organization.

SB006215

Reliability of Student Evaluations of Student Performance.
Project Director: Schrader, Marvin A.
Organization: Lakeshore Technical Inst., Cleveland, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 11-029-151-226-C

This project will assess the reliability of students' ratings of student performance in relationship to the closeness of student-student relations and specificity of the instrument(s) used in the evaluation. Several rating evaluation instruments will be constructed and used in trial situations. Comparisons of ratings will be made using a T-test.

SB006216 **VTP-2400**

Airframe and Powerplant Curriculum Evaluation.
Project Director: Becker, William J.
Organization: Gateway Technical Inst., Kenosha, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 06-164-151-226

This curriculum evaluation project will identify the strengths and limitations of the two-year diploma Airframe and Powerplant Mechanics program in three technical institutes. A series of instruments to evaluate the program will be developed, and a random sample of former students and their respective employers will be either interviewed or asked to complete a mailed questionnaire.

SB006217 **VTP-2403**

Determining Performance Levels of Competencies for Job Entry.
Project Director: Wagner, Daniel J.
Organization: Southwest Wisconsin Vocation. nical Inst., Fennimore.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 03-009-151-226

The goal of this project is to determine performance levels of competencies for job entry in selected VTAE programs. The objectives will be to identify and analyze task inventories relevant to the selected programs, validate tasks and performance levels required on the job, translate analysis of tasks, field test the performance levels of competency, and evaluate the instruments and procedures developed.

570

SB006218 VTP-2404

Develop and Field Test Program for Determining Adult Agribusiness Education Needs.
Project Director: Temte, William
Organization: Western Wisconsin Technical Inst., La Crosse.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 02-023-151-226

The purpose of this project will be to identify the agribusiness firms located in the western Wisconsin VTAE districts and determine the continuing vocational and technical education needs of their employees. Occupations and job classifications, training needs, and present and future employment needs will be identified. An interview of randomly selected industries will be conducted.

SB006219 VTP-2402

Determining Adult Agri-Business Training Needs.
Project Director: Ahrens, Donald L.
Organization: Wisconsin Vocational, Technical, and Adult Education District 1, Eau Claire.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will identify the agribusiness firms within the district and determine the needs of current employees for continuing vocational and technical education. The occupations and job classifications of employees and the present and future employment needs for identified skills and competencies will be determined. The collected data will be integrated into a guide for district and state program planning and for state administrative decision making and budgeting.

SB006220 VTP-2327

Open Entry/Open Exit Study.
Project Director: Paulsen, Russell
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 15-090-151-226

The objectives of this project are to provide data to explain the past and present status of the Open Entry/Open Exit concept and provide a foundation from which recommendations can be made. A sample of pilot programs will be selected and assessed for student and staff interests and needs and then evaluated for the competencies for job entry performance levels.

SB006221 VTP-2320

Graduate Student Research Grants - Phase V.
Project Director: Nelson, Orville
Organization: Wisconsin Univ. - Stout, Menomonie. Center for Vocational, Technical, and Adult Education.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-017-151-226

To fill the need for staff with appropriate research experience, this project will (1) identify and develop the critical skills and support services required to design, manage, and carry out a small research project; (2) develop positive attitudes toward research on the part of the graduate students involved; (3) estimate the degree to which graduate students can generate valuable research for the VTAE system; (4) identify the critical skills and support services required to design and complete a research project; and (5) determine the long-range impacts of the graduate students' research experiences.

SB006222 VTP-2334

VTAE Field Service Evaluation Model and Procedures.
Project Director: Nelson, Orville
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-029-151-226

The purpose of this project is to design and validate an evaluation system which includes self-evaluation and visitation evaluation of the VTAE Field Services. Forms for the collection of information will be designed, and literature guides on program evaluation and self-study procedures will be reviewed. Instrumentation for the evaluation process will be developed and validated.

SB006223 VTP-2318

Development of Two Manuals for the Coordinating Teacher of Cooperative Business and Office Education Programs.
Project Director: LaBarre, James E.
Organization: Wisconsin Univ., Eau Claire.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The intent of this project is to develop two manuals which may be used by vocational education teachers and coordinators as a guide in the organization and operation of a cooperative business and office education program. The guides will explain program development, operation and evaluation, procedures and forms used in successful programs and will serve as a preservice and inservice resource guide. The manuals will be developed in a seminar/workshop.

SB006224 VTP-2331

State-Wide Wisconsin Instant Information System Evaluation.
Project Director: Strong, Merle E.
Organization: Wisconsin Univ., Madison.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will provide for a state-wide evaluation of the WISC program, based upon the need to determine the effectiveness of the program in serving counselors, students and teachers in providing accurate, up-to-date occupational information. Evaluation will be based upon a random sample of school users and will be used as the basis for modifications or revisions in the system.

SB006225 VTP-2319

An Employability Skills Program for Wisconsin's Secondary Schools.
Project Director: Strong, Merle E.
Organization: Wisconsin Univ., Madison.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The goal of this project is to adopt and produce an employability skills program for use in secondary schools. The program will be modified, two modules will be added, and the new programs will be field tested and modified. Existing materials will be adopted, current modules will be repackaged, and existing scripts and illustrations will be modified.

SB006226 VTP-2405

Funds for Mini Grants for Curriculum Development.
Project Director: Schrader, Marvin A.
Organization: Lakeshore Technical Inst., Cleveland, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 11-029-151-226

This project will assist in the development of curriculum areas in accordance with the priorities of demonstrated needs within school programs. The needs will be identified, and development will occur on a systematized basis. Instructors will conduct surveys and prepare print and nonprint materials as indicated by the curriculum concern.

SB006227 VTP-2408

Occupational Manpower Training Survey, Fox Valley Technical Institute District.
Project Director: Bordini, D. J.
Organization: Fox Valley Technical Inst., Appleton, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Dec 75
Contract and/or Control No.: 12-246-151-226

The purpose of this project is to conduct a comprehensive manpower and occupational education needs survey in the Fox Valley Technical Institute District. A survey will be conducted via a mailed questionnaire and visits with selected employers to determine current and projected full-time and part-time job openings and current and projected occupational educational needs for the associate degree, vocational certificate, and short-term training programs. A computer-assisted program for information storage and retrieval will also be developed.

SB006228 VTP-2411

Task Analysis - Legal Assistant Program.
Project Director: Schrader, Marvin
Organization: Lakeshore Technical Inst., Cleveland, Wis.

Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 11-015-151-226

The purpose of this pilot two-year associate degree program is to develop a prototype program designed to provide a source of trained paralegal assistants which could serve as a model for future development of programs. The program will consist of seven phases: task analysis, development of overall outlines and objectives, development of evaluation procedures, development of program content and instructional materials, implementation of the evaluation, and completion of a final report.

SB006229

Assessment of the Impact of the Wisconsin Research Coordinating Unit.
Organization: Ohio State Univ., Columbus.

The goals of this project are to assess the impact of the research, development, and exemplary activities in the state; identify and analyze the pattern of change; identify the relationship between activities; and assess the approval process for the activities. The four phases of the project will include identifying projects, determining the operational mode of instrumentation, collecting data, and analyzing data.

SB006230

Evaluation of Architectural Technology Curriculum.
Project Director: Maiers, Merle
Organization: Wisconsin Area Vocational Technical and Adult Education District 4, Madison.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 76

The prime project purpose is to obtain employer ratings and evaluation of architectural technology curriculum based on job performance of 150 program graduates. Objectives to accomplish this purpose include verifying and developing recommendations for revising the two-year programs in architectural technology and ascertaining employer assessment of future employment shifts, occupational changes, future manpower needs, and significant technological changes in architectural technology.

SB006231

A Study of the Competencies Unique to the Educators of Adults in the Vocational, Technical, and Adult Education System.
Project Director: McClellan, Virginia B.
Organization: Wisconsin Univ. - Stout, Menomonie.
Contract and/or Control No.: 19-006-151-225-C

Objectives of this study are to (1) determine the competencies of an effective educator of adults, (2) compare results of this study with an existing study to determine unique competencies of an educator of adults, (3) develop a model of an effective adult educator, and (4) identify a valid teaching style for adult educators.

SB006232

Development of a Process to Identify Competencies Common to Two or More Jobs.
Organization: Wisconsin Univ. - Stout, Menomonie.

Descriptive information unavailable.

SB006233 **VTP-2407**

An Investigation of the Perceived Role of the School Psychologist in a Vocational School Setting.
Project Director: Kiesow, Rebecca J.
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-017-151-226-A

The aim of this study is to describe the perceived role of school psychologists in the vocational school setting. The project will attempt to identify specific functions which psychologists will be expected to perform. Data will be gathered through a survey distributed to selected administrators in vocational schools and personal interviews with selected psychologists.

SB006234 **VTP-2410**

Research on Student Attrition, Barriers to Enrollment, and Adult Counseling.
Project Director: Lambert, Roger
Organization: Wisconsin Univ., Madison. Center for Studies in Vocational and Technical Adult Education.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-025-151-226

This study will examine the problems of student attrition/withdrawal, enrollment barriers, and counseling services of the Wisconsin Vocational Technical Adult Education system. Instruments and procedures for an adult guidance and counseling program will be developed.

SB006235 **VTP-2329**

Secondary Vocational Education Curriculum Resource Unit.
Project Director: Lambert, Roger
Organization: Wisconsin Univ., Madison. Center for Studies in Vocational, Technical, and Adult Education.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The goals of this project are to provide a centralized vocational materials resource unit and develop a system of dissemination at a reasonable cost for the users. Materials currently available will be collected, organized and shelved; services and functions of the regional laboratory will be identified; and an operational system of accessibility will be developed. Catalogs and lists of available materials will be developed.

SB006236 **VTP-2329**

Secondary Vocational Education Curriculum Resource Unit.
Project Director: Lambert, Roger
Organization: Wisconsin Univ., Madison. Center for Studies in Vocational, Technical, and Adult Education.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 6-4619/R

The goals of this project are to provide a centralized vocational materials resource unit and develop a system of dissemination at a reasonable cost for the users. Materials currently available will be collected, organized and shelved; services and functions of the regional laboratory will be identified; and an operational system of accessibility will be developed. Catalogs and lists of available materials will be developed.

SB006237

IDECC Investment.
Organization: Wisconsin State Dept. of Public Instruction, Madison.

Descriptive information unavailable.

SB006238

DPI/VTAE Food Service.
Organization: Wisconsin State Dept. of Public Instruction, Madison.

Descriptive information unavailable.

SB006239 **VTP-2314**

Bureau for Career and Manpower Development Planning and Leadership.
Project Director: Halfin, Harold
Organization: Wisconsin Univ. - Stout, Menomonie. Center for Vocational, Technical, and Adult Education.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 6-4755/R

The purpose of this study is to assist the Bureau of Career and Manpower Development (BCMD) in developing a consistent and mutually agreed upon philosophy of vocational education, identify a valid mission for BCMD, and identify leadership roles for the staff which are consistent with the mission and philosophy. A survey will be conducted to determine students' perceptions, and an implementation guide will be assembled.

SB006240 **VTP-2401**

Cost-Benefit Model Development,
Project Director: Weiner, Arthur E.
Organization: Moraine Park Technical Inst., Fond du Lac, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-029-151-226

This project is the continuation of a project begun in 1973-74 to develop a cost-benefit model. The intent of the study is to determine data elements needs, develop formulas for cost allocation, and deve-

lop instruments to accurately gather data on economic and societal benefits acquired by students enrolled in vocational and technical education courses and programs. The project will be operated by a consortium of Moraine Park and Lakeshore VTAE districts.

SB006241 VTP-2409

Research of Curriculum Content - Data Processing Program.
Project Director: Becker, William J.
Organization: Gateway Technical Inst., Kenosha, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 06-161-151-226

The purpose of the project is to determine the relevancy of the data processing curriculum presently being taught in VTAE schools with the needs of business and industry. Survey instruments will be developed to interview a random sample of former students of the programs and their respective employers. Other former students will be contacted via a mailed questionnaire. The results will be interpreted, and an analysis of course content will be provided.

Fiscal Year 1977

SB006242 VTP-2789

Medical Assistant Task Analysis.
Project Director: Schrader, Marvin A.
Organization: Lakeshore Technical Inst., Cleveland, Wis.
Funding Period: Start Date 1 Jul 76; End Date 30 Sep 77
Contract and/or Control No.: 11-015-151-227

A task analysis of the medical assistant occupation will be conducted to update the current list of tasks included in the medical assistant curriculum,. The tasks actually performed by a medical assistant will be determined by identifying the major functions of a medical assistant, identifying all tasks under each function, developing and administering survey instruments to medical doctors and medical assistants within the district, following up of survey for 60 percent minimum return, and publishing and distributing a final report.

SB006243 VTP-2786

Evaluation of Student Financial Aids.
Project Director: Lamb, Karen
Organization: Milwaukee Area Technical Coll., Wis.
Funding Period: Start Date 1 Jul 76; End Date 30 Sep 77
Contract and/or Control No.: 09-015-151-227

This project will assess the present disbursement of funds to students at Milwaukee Area Technical College and examine present records on the amounts and renewal potential of funding sources. In examining the financial resources available and disbursed to students, major analyses will focus on the types of awards by program and selected sociodemographic characteristics of the recipients. The information gained will be used to guide more effective planning activities and improve resource development.

SB006244 VTP-2657

Cost-Benefit Model Development - Continuation.
Project Director: Weiner, A. E.
Organization: Moraine Park Technical Inst., Fond du Lac, Wis.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 10-029-151-227

The continuation of this project will result in the refinement of the cost-benefit model (started in 1973-1974) and the development of a model for adult education courses and programs. Formulas for cost determination and instruments for gathering data will be refined. A list of data needed will be developed, and the present model will be refined. Job market pay schedules will be analyzed, and employment and nonemployment data and wages will be collected.

SB006245 VTP-2785

Determining the Postsecondary Vocational Education Needs in Agriculture.
Project Director: Elmhorst, Ronald L.
Organization: Mid-State Vocational, Technical and Adult Education District, Wisconsin Rapids, Wis.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 14-011-151-227

The objective of the project is to determine what postsecondary vocational education programs Mid-State Technical Institute should provide in agribusiness education. Specific objectives include determining (1) employment opportunities in agribusiness areas, (2) the number of persons interested in enrolling in agribusiness programs, (3) the postsecondary agriculture programs that should be offered, and (4) the curriculum for each postsecondary agriculture program.

SB006246 VTP-2795

VTAE Field/Community Services Evaluation Model and Procedures - Phase II.
Project Director: Halfin, Harold
Organization: Wisconsin Univ. - Stout, Menomonie. Center for Vocational, Technical, and Adult Education.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 19-009-151-227

The purpose of this project is to test and validate the transportability of the Field/Community Services Program Evaluation model designed in Phase I. Two Wisconsin VTAE Districts of similar or differing organizational structures to the Phase I Pilot District will be identified as test sites. Phase I self-evaluation and visitation procedures will be adapted to the two selected districts' personnel structure, piloted,, and revised for installation into the identified Field/Community Services Programs.

SB006247 VTP-2665

A Study to Determine the Labor Market Requirements of Southeastern Wisconsin, Gateway and Blackhawk Districts.
Project Director: Becker, William J.
Organization: Gateway Vocational, Technical, and Adult Education District, Kenosha, Wis.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 06-154-151-227

The goal of this project is to determine the immediate and long-range labor market requirements of business, industry, and government employers. The needs of business and industry will be identified and related to career choices of district participants in the 1975 senior study. Programs and course offerings will be reviewed and evaluated, and a data base of addresses will be established. One thousand employers will be surveyed.

SB006248 VTP-2783

Determining Performance Levels of Competencies for Job Entry (Continuation).
Project Director: Wagner, Daniel J.
Organization: Southwest Wisconsin Vocational-Technical Inst., Fennimore.
Funding Period: Start Date 1 Jul 76; End Date 30 Sep 77
Contract and/or Control No.: 03-004-151-227

The overall purpose of this project is to determine performance levels of competencies for job entry in selected vocational, technical and adult education (VTAE) programs. Phase II will utilize the knowledge and research skills gained in Phase I to accomplish these objectives: (1) identify and analyze task inventories relevant to selected VTAE programs and occupations considering difficulty of performance, length of time performed, importance of task, and projected need for task; (2) translate analysis of tasks and performance levels on the job into recommended performance levels of competencies taught; and (3) field test the performance levels.

SB006249 VTP-2788

Manpower Survey of the Western Wisconsin Vocational, Technical, and Adult Education District.
Project Director: Richardson, Charles G.
Organization: Western Wisconsin Technical Inst., La Crosse.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 02-030-151-227

The objective of this project is to provide manpower planning data for the staff of the Western Wisconsin Vocational, Technical and Adult Education District. Specific project objectives are to adapt instrumentation developed by other VTAE districts to the needs of the Western VTAE District, conduct a survey of all employers of five or more persons to determine the manpower and training needs of the district, and analyze the data and report the findings to all concerned groups in the district.

SB006250

Milwaukee Area Technical College Follow-Up Study of High School Contract Students 1973-76.
Organization: Milwaukee Area Technical Coll., Wis.
Funding Period: Start Date 1 Feb 77; End Date 30 Jun 77
Contract and/or Control No.: 09-044-151-227

This follow-up study to evaluate program effectiveness will be conducted by the Milwaukee Area Technical College Research Department and the High School Contract Service Division, in cooperation with the Research Department of the Milwaukee Public Schools and guidance counselors of all participating high schools. The study will be conducted via mail questionnaires, telephone calls and, if necessary, house calls.

SB006251

Competency Based Professional Education Sequence for Newly Hired VTAE Teachers.
Project Director: Ruehl, Phil
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 19-019-151-227

The major purpose of this project is to develop a curriculum plan for a competency-based professional education sequence which will provide pre and inservice training for new teachers. An intensive preservice training period of one week will be developed which will focus on survival skills to get the new teacher started in the classroom. In addition, an inservice training period will be developed for the academic school year and for a summer program which will allow participants to complete the training sequence for certification.

SB006252

Curriculum Project in Barbering.
Organization: Wisconsin Vocational, Technical, and Adult Education District 1, Eau Claire.
Funding Period: Start Date 1 Jul 77; End Date 1 Sep 77
Contract and/or Control No.: 01-100-151-227

Objectives of this project are elimination of obsolete materials from the present curriculum, addition of materials relating to competencies not currently addressed in the present curriculum, and transportation of the revised curriculum to all of the VTAE Districts in Wisconsin which have barber training programs. A five-day workshop will be held during which representative instructors will identify competencies which must be taught during the nine-month initial training period for barbers and develop curriculum to implement the instruction of these competencies.

SB006253

Agri-Business Adult Occupational Needs Survey.
Organization: Wisconsin Indianhead Technical Inst., Shell Lake.
Funding Period: Start Date 1 Jun 77; End Date 30 Jun 77
Contract and/or Control No.: 17-085-151-227

Objectives of this project are to identify the adult occupational training needs of agribusiness employers and employees in Burnett, Polk, and St. Croix counties; improve the quality of agribusiness occupational extension offerings through the adult education program; and improve communication/relationships with agribusiness firms in the Indianhead District.

SB006254

Articulation of Bookeeping-Accounting Competencies Between Secondary and Post-Secondary Levels in the Lakeshore VTAE District.
Organization: Lakeshore Technical Inst., Cleveland, Wis.
Funding Period: Start Date 1 Jul 77; End Date 30 Sep 77
Contract and/or Control No.: 11-009-151-22B

This project is designed to provide guidance counselors and high school and post-high school instructors in bookkeeping-accounting with information that can be used in course development and in aiding students in course selection and transition from high school to post-high school programs. A curriculum guide will be developed incorporating a sequence of competency development useful in guiding students and in developing and arranging courses.

SB006255

Determining Adult Agribusiness Training Needs Within Four Northeastern Wisconsin VTAE Districts.
Organization: Lakeshore Technical Inst., Cleveland, Wis.
Funding Period: Start Date 1 Jul 77; End Date 30 Sep 77
Contract and/or Control No.: 11-035-151-22B

The purpose of this study is to identify the agribusiness firms within four districts and determine the needs of their employees for continuing vocational and technical education. This information will be used for program planning in the four districts and can be used as a guide for administrative decision making, budgeting, and program planning throughout the state.

SB006256 VTP-2787

Graduate Student Research Grants - Phase VI.
Project Director: Nelson, Orville
Organization: Wisconsin Univ. - Stout, Menomonie. Center for Vocational, Technical, and Adult Education.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 19-008-151-227

Graduate students in vocational education will write research proposals and conduct actual research projects focused on problems relevant to the state VTAE system. Project objectives are to develop the research skills required to design and carry out a small research project, instill positive attitudes toward research, determine the degree to which graduate students can produce research of value, identify dissemination techniques effective for the projects initiated, and isolate the critical skills required to design and complete a research project.

SB006257 VTP-2793

Student Attrition in the Wisconsin VTAE System - Phase II.
Project Director: Paulsen, Russell
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 15-097-151-227

This project will continue to study and reduce attrition in the Wisconsin VTAE system. The multiphase project uses a consortium approach comprised of five separate technical institutes. Phase II will use factors identified in Phase I as related to student attrition as predictors of student persistence as they enroll in VTAE programs. The general objectives for the second year are to operate a pilot program in each consortium school attempting to reduce attrition by using the first year's research data and establish a system to obtain needed information on a regular basis from students withdrawing from programs.

SB006258 VTP-2790

Mini Grants to Conduct Graduate Research on State Board Priorities.
Project Director: Strong, Merle E.
Organization: Wisconsin Univ., Madison. Center for Studies in Vocational and Technical Education.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 19-026-151-227

This project will fund four to six small research grants which will deal with state or district needs, problems, or issues in vocational education. Objectives include direct problem solving, forwarding the development of vocational education, increasing the State Board's visibility, and building better communication between the center and the State Board. The studies will be carried out by students in Continuing and Vocational Education, Educational Administration, Counseling and Guidance, Curriculum and Instruction, the School of Agriculture, and the School of Family Resources and Consumer Sciences.

SB006259 VTP-2794

A System to Predict Emerging Occupations.
Project Director: Nelson, Orville
Organization: Wisconsin Univ. - Stout, Menomonie. Center for Vocational, Technical, and Adult Education.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77
Contract and/or Control No.: 19-066-151-227

The purpose of this project is to determine the conditions and needs which give rise to new jobs, identify the typical time line involved in varous parts of the job development cycle for emerging occupations, and design and test a model to use in predicting emerging occupa-

tions. Objectives include determining the types of training programs used in various phases of development in an occupational area and identifying the optimum time to initiate training programs.

SB006260 VTP-2784

Determining the Feasibility of Assessing Incoming Student Entry-Level Competencies as an Aid to Increasing Completion of Programs.
Project Director: Schrader, Marvin A.
Organization: Lakeshore Technical Inst., Cleveland, Wis.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 11-019-151-227

This three-year project is designed to determine the competency level required of an entering student to successfully complete a specified program. Competency levels in communications, reading, and mathematics will be studied. Objectives are to determine the entry levels of communications, reading, and mathematics ability necessary to succeed in each of several programs; the type of instrument necessary to provide an adequate assessment of the incoming student's competency levels in the three areas; and the feasibility of such an assessment program in a VTAE institution.

SB006261 VTP-2792

Open Entry/Open Exit Education.
Project Director: Paulsen, Russell
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 1 Jul 76; End Date 30 Sep 77
Contract and/or Control No.: 15-090-151-227

This project is a continuation of research efforts embodied in the open entry/open exit study. With final direction and detail dependent on first year results, the general thrust will be to field test implementation of the open entry/open exit concept and develop a comprehensive model. Specific objectives will include field testing of implementation of the concept in selected programs; evaluation of the first stages in terms of cost and benefits and effects on staff and students; and developing a comprehensive model for open entry/open exit postsecondary vocational, technical, and adult education programs.

SB006262 VTP-2782

Determining and Validating Barriers to Post-Secondary VTAE Programs in Wisconsin.
Project Director: Farning, Max
Organization: Mid-State Technical Inst., Wisconsin Rapids, Wis.
Funding Period: Start Date 1 Jul 76; End Date 30 Sep 77
Contract and/or Control No.: 14-012-151-227

This project will enable a consortium of five Vocational, Technical, and Adult Education (VTAE) Districts to conduct research on determining barriers to postsecondary VTAE programs. Major objectives are to verify barriers identified in the 1976 project and determine and verify other barriers. In addition, possible techniques to eliminate or partially remove selected barriers will be investigated and field tested.

SB006263 VTP-2791

Occupational Manpower Training Survey - Phase 2. (Continuation).
Project Director: Bordini, D. J.
Organization: Fox Valley Technical Inst., Appleton, Wis.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 12-304-151-227

The purpose of this project is to enhance the usability of the data collected in the first phase of the Manpower Survey. The data will be analyzed to determine how it can best serve the purposes of the school and the job service program. Models will be recommended and a format developed to use the computer for input and retrieval purposes. A follow-up of the data will be conducted by each department for verification of requests for training programs and other services.

SB006264

Professional Education Competencies Needed by Beginning VTAE Teachers.
Project Director: Halfin, Harold
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 19-075-151-227

The intent of this project is to determine the professional education competencies needed by teachers of the VTAE system. Specific objectives are to determine pedogogical competencies needed by beginning teachers hired from business or industry, verify the competencies by submitting them to vocational teacher educators, and recommend alternative delivery systems for obtaining professional competencies necessary for certification in the VTAE system.

SB006265

Developing Curriculum Materials for Continuing Education in the Health Occupations.
Project Director: Menger, L. Elaine
Organization: Wisconsin Vocational, Technical, and Adult Education District 1, Eau Claire.
Funding Period: Start Date 1 Jul 77; End Date 31 Jul 77
Contract and/or Control No.: 01-024-151-B

The purpose of this project is to develop curriculum materials to be used in extension classes to update technologists working in radiologic technology, medical laboratory technology, and medical records technology. Rapid technological advances necessitate extension training for individuals employed in these areas, particularly in the use of new machinery and equipment.

SB006266

Analysis to Provide Curriculum Development Information for Electronic Instruments.
Project Director: Maiers, Merle
Organization: Milwaukee Area Technical Coll., Wis.
Funding Period: Start Date 1 Jul 77; End Date 30 Sep 77
Contract and/or Control No.: 04-033-151-22B

This project will determine the appropriate competencies and knowledge necessary to maintain an up-to-date electronics instrument course in the electronics associate degree program. The data will be compiled in such a manner that each particular competency can be implemented irrelevant of the field of specialization (biomedical electronics, information transmission, power distribution, etc.).

SB006267

Determining Adult Agribusiness Training Needs Within the North Central Vocational, Technical, and Adult Education District.
Project Director: Paulsen, Russell
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 1 Jul 77; End Date 30 Sep 77
Contract and/or Control No.: 15-305-151-22B

The purpose of this study is to identify the agribusiness firms within four districts and determine the needs of their employees for continuing vocational and technical education. This information will be used for program planning in the four districts and can be used as a guide for administrative decision making, budgeting, and program planning throughout the state.

SB006268

Evaluation and Validation of Instructional Models.
Organization: Wisconsin Univ. - Stout, Menomonie.

Descriptive information unavailable.

SB006269

Competency Based V-TECS.
Organization: Wisconsin Board of Vocational, Technical, and Adult Education, Madison.

Descriptive information unavailable.

SB006270

Leadership Conference - Post-Secondary.
Project Director: Strong, Merle E.
Organization: Wisconin Univ., Madison. Center for Studies in Vocational and Technical Education.
Funding Period: Start Date 1 Jul 77; End Date 30 Sep 77

Contract and/or Control No.: 19-008-151-18B

This project is a continuation of Project 19-019-151-187, and provides for a three-day leadership conference to be held August 3, 4, and 5, 1977.

SB006271

Vocational Education Magazine.
Organization: Wisconsin Univ., Madison.

Descriptive information unavailable.

SB006272

Capstone Program Evaluation Model.
Organization: Wisconsin Univ. - Stout, Menomonie.

Descriptive information unavailable.

SB006273

Industrial Education Learning Activities - Phase II.
Organization: Wisconsin Univ. - Stout, Menomonie.

Descriptive information unavailable.

SB006274

Employability Skills - A State Wide Job Placement Education Program.
Project Director: Lambert, Roger H.
Organization: Wisconsin Univ., Madison. Center for Studies in Vocational and Technical Education.
Contract and/or Control No.: 19-032-151-314

The goal of this project is to provide an individualized unit on employability skills which will prepare students in the necessary non-job skill techniques required to get, hold, and advance in a job. Unit modules will be designed so that local persons can easily insert or delete materials or modify examples by replacing slides, forms, etc., with those of local interest. Modules will be tested, evaluated, and restructured to meet the needs of the districts.

SB006275

Secondary Vocational Education Curriculum Resource Unit.
Project Director: Strong, Merle E.
Organization: Wisconsin Univ., Madison.

The purpose of this project is to further develop the centralized vocational materials resource unit and make it readily available to persons seeking information in vocational and technical education. Specific objectives will be to develop catalogs, lists, or other printouts of available materials in each vocational area for distribution to users; develop a system whereby materials can be reproduced for minimal cost or loaned to users who request information; and utilize an advisory committee to help set the direction for the resource unit.

SB006276

Handbook Model Office Occupations Program.
Organization: Wisconsin Univ., Eau Claire.

Descriptive information unavailable.

SB006277

BCMD Plan I - Phase II.
Organization: Wisconsin Univ. - Stout, Menomonie.

Descriptive information unavailable.

SB006278

Vocational Counseling Needs of Young Women as Perceived by Working Business and Professional Women.
Project Director: Haczynski, Sharon
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 19-008-151-227-C

The aim of this project is to investigate the vocational counseling needs of young women as perceived by working business and professional women through the use of a Delphi survey. Specific objectives are to identify descriptions of vocational competencies; identify a list of additional competencies women need to obtain, retain, and advance in jobs; and develop recommendations for vocational counseling.

SB006279

Learning Styles of Vocational Child Care and Development Students in Wisconsin.
Project Director: Daines, Jeanette
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 19-008-151-227-B

The purpose of this project is to identify differences in the perceptions of field independent/dependent vocational students toward selected conditions of instruction. Data will be collected from students via administration of the Hidden Figured Test and a self-report inventory designed by the researcher. Teacher directness will be observed and classified in accordance with the Flanders Matrix.

Part D

Fiscal Year 1970

SB006280

Exemplary Curriculum Project Madison Area Technical College.
Project Director: Harris, Richard
Organization: Madison Area Vocational, Technical, and Adult Education District 4, Wis.
Funding Period: Start Date 1 Jan 70; End Date 30 Jun 70
Contract and/or Control No.: 04-013-70

The goal of this exemplary project is designing programs to meet the special educational and social needs of disadvantaged youth by developing a meaningful educational curriculum and an awareness of instructors to the special needs of the disadvantaged student. Teaching methods will emphasize individualized and small group instruction, and the program will concentrate on English, American History, math, sociology, and remedial reading.

SB006281

Exemplary Program - Utilization of Cable TV by Vocational, Technical, and Adult Education District 5 for Dissemination of Public Information, Program Promotion, Vocational Guidance, and Educational Instruction.
Project Director: Johnson, O. H.
Organization: Janesville Vocational, Technical, and Adult Education District 5, Wis.
Funding Period: Start Date 1 Jul 69; End Date 30 Jun 70

Through the use of cable television, this project will provide the residents of District 5 with programs on such things as curriculum and course offerings, activities, services available, vocational guidance programs to meet the needs of the entire family, and educational programs especially oriented to the needs of disadvantaged residents.

SB006282

Develop Self-Paced Instructional Packages for Eight Basic Arc-Welding Concepts.
Project Director: Graf, Rolland W.
Organization: Kenosha Technical Inst., Wis.
Funding Period: Start Date 1 Jan 70; End Date 30 Jun 70
Contract and/or Control No.: 06-005-70

To allow students to proceed at their own rate and review difficult concepts, this project aims to develop self-paced instructional packages for eight basic arc-welding concepts including mild steel electrode functions and classification, welding power sources, joint design, and welding symbols and formulate implications for future development of arc-welding self-paced instructional packages.

SB006283

Audio-Tutorial Approach to Biological Sciences.
Organization: Milwaukee Area Technical Coll., Wis.

Descriptive information unavailable.

SB006284

Linguistic Competence Through an Oral Structural Approach.

Organization: Milwaukee Area Technical Coll., Wis.
Descriptive information unavailable.

SB006285

Qualifying Welding Certificates Utilizing Training Films.
Organization: Milwaukee Area Technical Coll., Wis.
Descriptive information unavailable.

SB006286

Dental Laboratory Closed Circuit Television System.
Organization: Milwaukee Area Technical Coll., Wis.
Descriptive information unavailable.

SB006287

Commandos Project to Encourage Parolees to Complete Continuation Training.
Organization: Milwaukee Area Technical Coll., Wis.
Descriptive information unavailable.

SB006288

Instructional Packages for Apprenticeship Mathematics.
Project Director: Hoyt, Lawrence B.
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 25 Aug 69; End Date 5 Jun 70
Contract and/or Control No.: 15-002-70

To create a unified apprenticeship mathematics class which will provide the apprentice with a solid foundation in basic mathematical principles, this project includes in its objectives determining the value of using packaged instruction and the mastery learning system, analyzing the various apprenticeship math units being taught to determine which units will be combined into a single unified apprenticeship math program, and developing and evaluating instruction packages.

SB006289

Vocational Guidance.
Organization: Shawano Joint District 8, Wis.

Objectives of this television series project are to promote student self-awareness and self-assessment in relation to occupational goals and personal resources, familiarize students and guidance counselors with available employment services and in-plant conditions, provide special occupational counseling to lower socioeconomic-level students, provide a dropout assistance and prevention program, and equip parents to assist their children in reaching an occupational decision.

SB006290

Vocational Guidance.
Organization: Racine Unified School District 1, Wis.

Objectives of this television series project are to promote student self-awareness and self-assessment in relation to occupational goals and personal resources, familiarize students and guidance counselors with available employment services and in-plant conditions, provide special occupational counseling to lower socioeconomic-level students, provide a dropout assistance and prevention program, and equip parents to assist their children in reaching an occupational decision.

SB006291

Vocational Guidance.
Organization: Solon Springs Public Schools, Wis.

Objectives of this television series project are to promote student self-awareness and self-assessment in relation to occupational goals and personal resources, familiarize students and guidance counselors with available employment services and in-plant conditions, provide special occupational counseling to lower socioeconomic-level students, provide a dropout assistance and prevention program, and equip parents to assist their children in reaching an occupational decision.

SB006292

Vocational Guidance.
Organization: Sheboygan Public Schools, Wis.

Objectives of this television series project are to promote student self-awareness and self-assessment in relation to occupational goals and personal resources, familiarize students and guidance counselors with available employment services and in-plant conditions, provide special occupational counseling to lower socioeconomic-level students, provide a dropout assistance and prevention program, and equip parents to assist their children in reaching an occupational decision.

SB006293

Vocational Education Specialist.
Organization: Franklin School District 5, Wis.
Descriptive information unavailable.

SB006294

Resource Listening Center for Vocational Technical Students.
Project Director: Grum, Richard A.
Organization: Madison Area Vocational, Technical, and Adult Education District 4, Wis.
Funding Period: Start Date 1 Jul 69; End Date 30 Jun 70
Contract and/or Control No.: 04-014-70

This project intends to develop a listening facility for vocational and technical students. Instructors will record lectures to allow absent students to obtain missed information and other students to review lecture materials. Commercially prepared tapes will be purchased to expand the resources available to the students. The listening facility will be available at two campuses.

SB006295

Development of a Self-Study Pre-Tech Math Course Utilizing Existing Published Materials.
Project Director: Chinnaswamy, Louis
Organization: Kenosha Technical Inst., Wis.
Funding Period: Start Date 1 Dec 69; End Date 30 Jun 70
Contract and/or Control No.: 06-004-70

The objective of this project is to design a pretechnical math program using existing published materials to enable promising but educationally disadvantaged students to take advantage of the opportunity of entering a technical or vocational curriculum of their choice. The course of study will be designed to help these students acquire the academic background and skill in mathematics necessary for entry into a chosen vocational field.

SB006296

Open Laboratory Concept for Educational Improvement.
Project Director: Nierode, Frederick J.
Organization: Sheboygan Area Vocational, Technical, and Adult Education District 11, Wis.
Funding Period: Start Date 1 Jul 69; End Date 30 Jun 70
Contract and/or Control No.: 11-003-70

The goal of this project is to develop an open laboratory concept to provide remediation, enrichment, acceleration and deceleration activities, and better articulation to meet students' needs and reduce instructional costs. Open laboratories will be available at all times to students for problem solving activities and will provide packaged instruction structured through a programmed and multimedia approach or remedial and enrichment studies directed by a tutor.

SB006297

Multi-Media Career Information Resource Center.
Project Director: Bellanti, John
Organization: Sheboygan Area Vocational, Technical, and Adult Education District 11, Wis.
Funding Period: Start Date 1 Jan 70; End Date 30 Jun 70
Contract and/or Control No.: 11-004-70

This project will design a multimedia Career Information Resource Center to inform youth of existing career opportunities. Specific objectives include presentation of occupational information by people working in various fields and performing various tasks; development and organization of an inventory of occupational, training, and employment resources for K-12 and postsecondary students; and development of a plan of tours of business, industry, agriculture, and

postsecondary institutions via videotape or actual visitations.

SB006298

Summer Field Experience in Automotive Mechanics.
Project Director: Beede, Cecil W.
Organization: Eau Claire Area Vocational, Technical, and Adult Education District 1, Wis.
Funding Period: Start Date 1 Jul 69; End Date 30 Jun 70
Contract and/or Control No.: 01-022-70

The main objective of this project is to make the automotive mechanic trainee into a productive employee in the shortest possible time. To do so, a summer field experience program will be developed whose objectives include providing maximum opportunity for successful student job entry, on-the-job experience not available in classroom laboratory education, in-training guidance and counseling for the students, pre-exposure to job responsibilities and industry work requirements, and giving instructors the opportunity to observe current automotive practices.

SB006299

Vocational Guidance Television Series.
Project Director: Kremer, Donald
Organization: Oconomowoc School District 3, Wis.
Funding Period: Start Date 1 Sep 69; End Date 31 Aug 70

By providing an effective source of information regarding vocational opportunities, this project is designed to help students make better employment choices after leaving school. To accomplish this objective, the project will develop and use a series of television tape recordings presenting relevent occupational information prepared with the assistance of the Wisconsin State Employment service, in conjunction with the vocational guidance activities of CESA 16 school systems and certain Milwaukee public schools.

SB006300

Nursing Skills Learning Laborstory.
Project Director: Miller, Carol
Organization: Milwaukee Area Technical Coll., Wis.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

This project intends to develop multimedia learning facilities for nursing students. The objectives of this project include meeting the needs of individual students, enabling students to either transfer in or re-enter the program after a lapse of time, and providing students with simulated experience of actual medical situations that do not always occur during laboratory time.

SB006301

Educational Assistance Program for Vocational Technical Students Who Are Classified as Potential Dropouts.
Project Director: Spanbauer, Stanley J.
Organization: Neenah Vocational, Technical and Adult Education District 12, Wis.
Funding Period: Start Date 1 Jul 69; End Date 30 Jun 70
Contract and/or Control No.: 12-001-70

This project is designed to develop an educational assistance program at Fox Valley Technical Institute. Program objectives include identifying potential dropouts and attempting to develop an educational program which will cause them to succeed, providing necessary remedial instruction to upgrade these students in their particular disciplines, and giving academically disadvantaged students the necessary assistance and counseling to prevent them from dropping out of school.

SB006302

Relevant Evaluation System.
Project Director: Sirek, William M.
Organization: Neenah Vocational, Technical, and Adult Education District 12, Wis.
Funding Period: Start Date 1 Jul 69; End Date 30 Jun 72
Contract and/or Control No.: 12-019-70

This project will develop a relevant evaluation system to provide students with information to help make decisions on what vocational and technical school to attend and which program to select and provide the instructional staff with relevant information on how students rate their education. In conjunction with the Wisconsin Student Personnel Association and the Wisconsin Personnel and Guidance Association, this project will include a state pilot study and a cost analysis.

SB006303

Regional Career Information.
Project Director: Sirek, William M.
Organization: Neenah Vocational, Technical, and Adult Education District 12, Wis.
Funding Period: Start Date 1 Jul 69; End Date 30 Jun 70
Contract and/or Control No.: 12-022-70

The objective of this project is to develop regional career resource centers in each of the eighteen districts to provide realistic occupational information. Phase I will include the development of a mobile center equipped with audiovisual materials to assist counselors in presenting vocational and technical career information; Phase II will involve the loan of the demonstration center to other districts; and Phase III will involve the exchange of information between centers to build a state-wide network of career resources.

SB006304

Mobile Vocational Guidance.
Organization: Brillion High School, Wis.

Objectives of this program are to provide guidance and counseling for four schools in the area which have not been able to provide full guidance services to their students. Program emphasis will be for non-college bound students. A mobile unit will be used as a counseling lab and will be equipped with appropriate career and occupational information, tests, and audiovisual aids.

SB006305

Vocational Guidance Television Series.
Project Director: Shult, Robert J.
Organization: Oconomowoc Public Schools, Wis.

Objectives of this television series project are to promote student self-awareness and self-assessment in relation to occupational goals and personal resources, familiarize students and guidance counselors with available employment services and in-plant conditions, provide special occupational counseling to lower socioeconomic-level students, provide a dropout assistance and prevention program, and equip parents to assist their children in reaching an occupational decision.

SB006306

Development of Multimedia Instructional Materials to Augment the Instructional Process in Economics at KTI.
Project Director: Graf, Rolland W.
Organization: Kenosha Technical Inst., Wis.
Funding Period: Start Date 1 Jan 70; End Date 30 Jun 70
Contract and/or Control No.: 06-006-70

The objectives of this project are to develop individualized multimedia instructional materials to augment the instruction process in economics and provide six economics concepts in multimedia format for inclusion in the economics curriculum. Use of the multimedia approach will be helpful to disadvantaged students because of its scheduling flexibility and allowance for individual differences and will stimulate student involvement through media control, small group seminars, and self-paced instructional materials.

Fiscal Year 1971

SB006307

Resource Listening Center for Vocational Technical Students.
Project Director: Grum, Richard A.
Organization: Madison Area Vocational, Technical, and Adult Education District 4, Wis.
Funding Period: Start Date 1 Jul 69; End Date 30 Jun 71
Contract and/or Control No.: 04-017-311

This project intends to develop a listening facility for vocational and technical students. Instructors will record lectures to allow absent students to obtain missed information and other students to review lecture materials. Commercially prepared tapes will be purchased to expand the resources available to the students. The listening facility will be available at two campuses.

SB006308

Development of a Self-Study Pre-Tech Math Course Utilizing Existing Published Materials.
Project Director: Chinnaswamy, Louis
Organization: Kenosha Technical Inst., Wis.
Funding Period: Start Date 1 Dec 69; End Date 30 Jun 71
Contract and/or Control No.: 06-033-311

The objective of this project is to design a pretechnical math program using existing published materials to enable promising but educationally disadvantaged students to take advantage of the opportunity of entering a technical or vocational curriculum of their choice. The course of study will be designed to help these students acquire the academic background and skill in mathematics necessary for entry into a chosen vocational field.

SB006309

Open Laboratory Concept for Educational Improvement.
Project Director: Nierode, Frederick J.
Organization: Sheboygan Area Vocational, Technical, and Adult Education District 11, Wis.
Funding Period: Start Date 1 Jul 69; End Date 30 Jun 71
Contract and/or Control No.: 11-003-311

The goal of this project is to develop an open laboratory concept to provide remediation, enrichment, acceleration and deceleration activities, and better articulation to meet students' needs and reduce instructional costs. Open laboratories will be available at all times to students for problem solving activities and will provide packaged instruction structured through a programmed and multimedia approach or remedial and enrichment studies directed by a tutor.

SB006310

Multi-Media Career Information Resource Center.
Project Director: Bellanti, John
Organization: Sheboygan Area Vocational, Technical and Adult Education District 11, Wis.
Funding Period: Start Date 1 Jan 70; End Date 30 Jun 71
Contract and/or Control No.: 11-004-311

This project will design a multimedia Career Information Resource Center to inform youth of existing career opportunities. Specific objectives include presentation of occupational information by people working in various fields and performing various tasks; development and organization of an inventory of occupational, training, and employment resources for K-12 and postsecondary students; and development of a plan of tours of business, industry, agriculture, and postsecondary institutions via videotape or actual visitations.

SB006311

Summer Field Experience in Automotive Mechanics.
Project Director: Beede, Cecil W.
Organization: Eau Claire Area Vocational, Technical, and Adult Education District 1, Wis.
Contract and/or Control No.: 01-024-311

The main objective of this project is to make the automotive mechanic trainee into a productive employee in the shortest possible time. To do so, a summer field experience program will be developed whose objectives include providing maximum opportunity for successful student job entry, on-the-job experience not available in classroom laboratory education, in-training guidance and counseling for the students, pre-exposure to job responsibilities and industry work requirements, and giving instructors the opportunity to observe current automotive practices.

SB006312

Vocational Guidance Television Series.
Project Director: Kremer, Donald
Organization: Oconomowoc School District 3, Wis.
Funding Period: Start Date 1 Sep 69; End Date 31 Aug 71
Contract and/or Control No.: 08-002-311

By providing an effective source of information regarding vocational opportunities, this project is designed to help students make better employment choices after leaving school. To accomplish this objective, the project will develop and use a series of television tape recordings presenting relevent occupational information prepared with the assistance of the Wisconsin State Employment service, in conjunction with the vocational guidance activities of CESA 16 school systems and certain Milwaukee public schools.

SB006313

Nursing Skills Learning Laboratory.
Project Director: Miller, Carol
Organization: Milwaukee Area Technical Coll., Wis.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 09-023-311

This project intends to develop multimedia learning facilities for nursing students. The objectives of this project include meeting the needs of individual students, enabling students to either transfer in or re-enter the program after a lapse of time, and providing students with simulated experience of actual medical situations that do not always occur during laboratory time.

SB006314

Educational Assistance Program for Vocational Technical Students Who Are Classified as Potential Dropouts.
Project Director: Spanbauer, Stanley J.
Organization: Neenah Vocational, Technical and Adult Education District 12, Wis.
Funding Period: Start Date 1 Jul 69; End Date 30 Jun 71
Contract and/or Control No.: 12-004-311

This project is designed to develop an educational assistance program at Fox Valley Technical Institute. Program objectives include identifying potential dropouts and attempting to develop an educational program which will cause them to succeed, providing necessary remedial instruction to upgrade these students in their particular disciplines, and giving academically disadvantaged students the necessary assistance and counseling to prevent them from dropping out of school.

SB006315

Regional Career Information.
Project Director: Sirek, William M.
Organization: Neenah Vocational, Technical, and Adult Education District 12, Wis.
Funding Period: Start Date 1 Jul 69; End Date 30 Jun 73
Contract and/or Control No.: 12-030-311

The objective of this project is to develop regional career resource centers in each of the eighteen districts to provide realistic occupational information. Phase I will include the development of a mobile center equipped with audiovisual materials to assist counselors in presenting vocational and technical career information; Phase II will involve the loan of the demonstration center to other districts; and Phase III will involve the exchange of information between centers to build a state-wide network of career resources.

SB006316

Mobile Vocational Guidance.
Organization: Brillion High School, Wis.

Objectives of this program are to provide guidance and counseling for four schools in the area which have not been able to provide full guidance services to their students. Program emphasis will be for non-college bound students. A mobile unit will be used as a counseling lab and will be equipped with appropriate career and occupational information, tests, and audiovisual aids.

SB006317

Vocational Guidance Television Series.
Project Director: Shult, Robert J.
Organization: Oconomowoc Public Schools, Wis.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

Objectives of this television series project are to promote student self-awareness and self-assessment in relation to occupational goals and personal resources, familiarize students and guidance counselors with available employment services and in-plant conditions, provide special occupational counseling to lower socioeconomic-level students, provide a dropout assistance and prevention program, and equip parents to assist their children in reaching an occupational decision.

SB006318

Development of Multimedia Instructional Materials to Augment the Instructional Process in Economics at KTI.

Project Director: Graf, Rolland W.
Organization: Kenosha Technical Inst., Wis.
Funding Period: Start Date 1 Jan 70; End Date 30 Jun 71

The objectives of this project are to develop individualized multimedia instructional materials to augment the instruction process in economics and provide six economics concepts in multimedia format for inclusion in the economics curriculum. Use of the multimedia approach will be helpful to disadvantaged students because of its scheduling flexibility and allowance for individual differences and will stimulate student involvement through media control, small group seminars, and self-paced instructional materials.

SB006319

Career Information Officer.
Organization: Blackhawk Vocational, Technical, and Adult Education District, Janesville, Wis.

Descriptive information unavailable.

SB006320

Training Program.
Organization: Sheboygan Public Schools, Wis.

Descriptive information unavailable.

SB006321

Career Development.
Organization: Cooperative Educational Service Agency 9, Green Bay, Wis.

This project will improve present guidance programs. It will provide extended, continuous, and progressive guidance services K-9. The intent is to reinforce the career developmental process that every child experiences. Emphasis will be on self-awareness and career choices. Students will be aided in selecting courses at the secondary level that will be relevant to their present and future life plans.

SB006322

Career Information Guidance.
Project Director: Kyle, Gene
Organization: Racine Unified School District 1, Wis.

The objectives of this program are to develop kits of materials which classroom teachers or counselors may use in group guidance work. Materials in these kits will be organized around each subject matter area in the junior high school. Students, grades 7-9, will be aided in developing self-awareness and will be given an opportunity to obtain information concerning vocations, high school courses, and post-high school education and training opportunities. Special effort will be made to reach disadvantaged students.

SB006323

Career Development K-9.
Project Director: Ponschok, Fred
Organization: Shawano High School, Wis.
Funding Period: Start Date 6 Jul 69; End Date 30 Jun 72

This project will improve present guidance programs. It will provide extended, continuous, and progressive guidance services K-9. The intent is to reinforce the career developmental process that every child experiences. Exphasis will be on self-awareness and career choices. Students will be aided in selecting courses at the secondary level that will be relevant to their present and future life plans.

Fiscal Year 1972

SB006324

Summer Field Experience in Automotive Mechanics.
Project Director: Beede, Cecil W.
Organization: Eau Claire Area Vocational, Technical, and Adult Education District 1, Wis.

The main objective of this project is to make the automotive mechanic trainee into a productive employee in the shortest possible time. To do so, a summer field experience program will be developed whose objectives include providing maximum opportunity for successful student job entry, on-the-job experience not available in classroom laboratory education, in-training guidance and counseling for the students, pre-exposure to job responsibilities and industry work requirements, and giving instructors the opportunity to observe current automotive practices.

SB006325

Vocational Guidance Television Series.
Project Director: Kremer, Donald
Organization: Oconomowoc School District 3, Wis.

By providing an effective source of information regarding vocational opportunities, this project is designed to help students make better employment choices after leaving school. To accomplish this objective, the project will develop and use a series of television tape recordings presenting relevent occupational information prepared with the assistance of the Wisconsin State Employment service, in conjunction with the vocational guidance activities of CESA 16 school systems and certain Milwaukee public schools.

SB006326

Nursing Skills Learning Laboratory.
Project Director: Miller, Carol
Organization: Milwaukee Area Technical Coll., Wis.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 09-012-151-312

This project intends to develop multimedia learning facilities for nursing students. The objectives of this project include meeting the needs of individual students, enabling students to either transfer in or re-enter the program after a lapse of time, and providing students with simulated experience of actual medical situations that do not always occur during laboratory time.

SB006327

Educational Assistance Program for Vocational Technical Students Who Are Classified as Potential Dropouts.
Project Director: Spanbauer, Stanley J.
Organization: Neenah Vocational, Technical, and Adult Education District 12, Wis.

This project is designed to develop an educational assistance program at Fox Valley Technical Institute. Program objectives include identifying potential dropouts and attempting to develop an educational program which will cause them to succeed, providing necessary remedial instruction to upgrade these students in their particular disciplines, and giving academically disadvantaged students the necessary assistance and counseling to prevent them from dropping out of school.

SB006328

Relevant Evaluation System.
Project Director: Sirek, William M.
Organization: Neenah Vocational, Technical, and Adult Education District 12, Wis.

This project will develop a relevant evaluation system to provide students with information to help make decisions on what vocational and technical school to attend and which program to select and provide the instructional staff with relevant information on how students rate their education. In conjunction with the Wisconsin Student Personnel Association and the Wisconsin Personnel and Guidance Association, this project will include a state pilot study and a cost analysis.

SB006329

Relevant Evaluation System.
Project Director: Sirek, William M.
Organization: Neenah Vocational, Technical, and Adult Education District 12, Wis.
Funding Period: Start Date 1 Jul 69; End Date 30 Jun 72
Contract and/or Control No.: 12-031-311

This project will develop a relevant evaluation system to provide students with information to help make decisions on what vocational and technical school to attend and which program to select and provide the instructional staff with relevant information on how students rate their education. In conjunction with the Wisconsin Student Personnel Association and the Wisconsin Personnel and Guidance Association, this project will include a state pilot study and a cost analysis.

SB006330

Regional Career Information.
Project Director: Sirek, William M.
Organization: Neenah Vocational, Technical, and Adult Education District 12, Wis.
Funding Period: Start Date 1 Jul 69; End Date 30 Jun 73

The objective of this project is to develop regional career resource centers in each of the eighteen districts to provide realistic occupational information. Phase I will include the development of a mobile center equipped with audiovisual materials to assist counselors in presenting vocational and technical career information; Phase II will involve the loan of the demonstration center to other districts; and Phase III will involve the exchange of information between centers to build a state-wide network of career resources.

SB006331

Mobile Vocational Guidance.
Organization: Brillion High School, Wis.

Objectives of this program are to provide guidance and counseling for four schools in the area which have not been able to provide full guidance services to their students. Program emphasis will be for non-college bound students. A mobile unit will be used as a counseling lab and will be equipped with appropriate career and occupational information, tests, and audiovisual aids.

SB006332

Vocational Guidance Television Series.
Project Director: Shult, Robert J.
Organization: Oconomowoc Public Schools, Wis.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72

Objectives of this television series project are to promote student self-awareness and self-assessment in relation to occupational goals and personal resources, familiarize students and guidance counselors with available employment services and in-plant conditions, provide special occupational counseling to lower socioeconomic-level students, provide a dropout assistance and prevention program, and equip parents to assist their children in reaching an occupational decision.

SB006333

Career Information Guidance.
Project Director: Kyle, Gene
Organization: Racine Unified School District 1, Wis.

The objectives of this program are to develop kits of materials which classroom teachers or counselors may use in group guidance work. Materials in these kits will be organized around each subject matter area in the junior high school. Students, grades 7-9, will be aided in developing self-awareness and will be given an opportunity to obtain information concerning vocations, high school courses, and post-high school education and training opportunities. Special effort will be made to reach disadvantaged students.

SB006334

Career Development K-9.
Project Director: Ponschok, Fred
Organization: Shawano High School, Wis.
Funding Period: Start Date 6 Jul 69; End Date 30 Jun 72

This project will improve present guidance programs. It will provide extended, continuous, and progressive guidance services K-9. The intent is to reinforce the career developmental process that every child experiences. Exphasis will be on self-awareness and career choices. Students will be aided in selecting courses at the secondary level that will be relevant to their present and future life plans.

SB006335

Audio Visual Aids for Certified Laboratory Assistant Program.
Project Director: Bauer, Ann
Organization: District 1 Technical Inst., Eau Claire, Wis.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 01-018-151-312

To provide individualized instruction, audio-tutorial aids will be developed and implemented in the Certified Laboratory Assistant Program for use in teaching theory, laboratory methodology, equipment use, and review. This project is designed to improve the quality of education of the clinical laboratory assistant program, encourage handicapped individuals to enter the program, and provide supplemental information to students at their own speed.

SB006336

Mobile Career Planning Unit.
Project Director: Campbell, William H.
Organization: Western Wisconsin Technical Inst., La Crosse.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 02-022-151-312

This project intends to develop a mobile unit for career planning with emphasis on new modern technologies. The unit will be designed to provide relevant occupational information to the rural youth of District 2. A professional counselor will be provided to discuss occupational opportunities. Audiovisual materials will also be available for individual use to provide information on the student's occupational choice.

SB006337

Providing a Vocational Counselor for Non-Persisters at Wisconsin State University, La Crosse, Wisconsin.
Project Director: Campbell, William H.
Organization: Wisconsin State Univ., La Crosse.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 02-031-151-312

This project will provide a vocational counselor who will serve as a liaison beteen the VTAE System and both the Wisconsin State University at La Crosse and Western Wisconsin Technical Institute. Project objectives include providing career guidance and information to students on both campuses and developing a career planning library covering all levels of opportunities at the skilled labor and semiprofessional level.

SB006338

Family Approach to Career Education.
Project Director: Stroebel, John
Organization: Southwest Wisconsin Vocational-Technical School, Fennimore.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 03-030-151-312

This project is designed to provide youth and parents with firsthand information on various job opportunities to allow youth to make better career decisions and broaden the parents' knowledge of available opportunities. Field trips will be conducted through vocational schools, industry, business operations, and colleges to provide information on a wide range of vocational opportunities. Commercially prepared films and group discussions will provide supplemental information.

SB006339

Audio-Tutorial Program for Vocational-Technical Students.
Project Director: Mitby, Norman P.
Organization: Madison Area Technical Coll., Wis.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 04-026-151-312

To provide individualized instruction, an audio-tutorial program will be introduced into the laboratory sections of skill training courses. The audio-tutorial method will consist of lab units or blocks of instruction in which the students will be given step by step directions via a locally produced slide/audio tape program. Work sheets or study guides will be designed, and models and laboratory equipment will be included in each lab unit.

SB006340

Internship Model in Fashion Merchandising.
Project Director: Ahrens, Robert
Organization: Madison Area Technical Coll., Wis.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 04-039-151-312

This project aims to develop a supervised work experience and school seminar education program for fashion merchandising students. The project will help to bridge the gap between graduation and job placement by identifying entry positions leading to advancement in fashion merchandising employment; expand and enhance the education, skill, knowledge, and attitudinal preparation of fashion merchandising students; and evaluate fashion merchandising curriculum through employer evaluation of student performance.

SB006341

Career Information Service.
Project Director: Hogard, R. W.
Organization: Blackhawk Vocational-Technical School, Janesville, Wis.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 05-005-151-312

To increase the number of persons served by Blackhawk Vocational-Technical School programs, this project intends to develop a corps of information service officers who will provide a communication link betwen the present Blackhawk Tech students and potential students, especially those considered disadvantaged. The objectives of this project include identifying potential students and providing them with current, realistic, and practical information and assisting interested students in arranging for their continued education at Blackhawk Tech.

SB006342

Career Information Packet.
Project Director: Becker, William J.
Organization: Kenosha Technical Inst., Wis.
Funding Period: Start Date 1 Jul 71; End Date 30 Jun 72
Contract and/or Control No.: 06-046-151-312

This project will develop twenty-five to thirty-five audio cassette tapes with synchronized slide sets to provide detailed information on the programs and activities available from the district. The specific objectives of this project include providing authoritative and standardized information, allowing counselors to spend more time on indepth sessions with students, and enabling students to explore and review programs on an individual basis.

SB006343

Project Decision - Phase I.
Project Director: Schoenberger, R. Laurence
Organization: Waukesha County Technical Inst., Pewaukee, Wis.
Funding Period: Start Date 1 Apr 72; End Date 30 Jun 72
Contract and/or Control No.: 08-019-151-312

To assist students in making career decisions, this project will establish a career library in each of the seventeen high schools in District 8. The career library will contain an audiovisual and tutorial device for disseminating and presenting current information on job opportunities, responsibilities, advancement potential, and compensation within identified careers. It will also provide information on career education and training opportunities in Wisconsin and elsewhere.

SB006344

Mobile Vocational Guidance Unit.
Project Director: Dillingham, Courtney K.
Organization: Waupaca Senior High School, Wis.
Funding Period: Start Date 10 Aug 71; End Date 5 Jun 72

This program will provide vocational and career guidance materials and services for five school systems. A mobile guidance trailer will be used as a guidance resource center for students, faculties, and communities. A vocational guidance counselor will serve as coordinator of the unit's school and community activities. The Wisconsin Employment Service, Department of Public Instruction, will cooperate to implement the program. A follow-up study of graduates, parents, faculties, and present students will be used to evaluate the program's effectiveness.

SB006345

Mobile Guidance Resource Van.
Organization: Cooperative Educational Service Agency 4, Cumberland, Wis.
Funding Period: Start Date 10 Aug 71; End Date 5 Jun 72

This program will provide vocational and career guidance materials and services for five school systems. A mobile guidance trailer will be used as a guidance resource center for students, faculties, and communities. A vocational guidance counselor will serve as coordinator of the unit's school and community activities. The Wisconsin Employment Service, Department of Public Instruction, will cooperate to implement the program. A follow-up study of graduates, parents, faculties, and present students will be used to evaluate the program's effectiveness.

SB006346

K-8 Career Orientation.
Project Director: Hunt, Howard C.
Organization: Cooperative Educational Service Agency 4, Cumberland, Wis.
Funding Period: Start Date 1 Sep 71; End Date 31 Jul 72

The objective of this project is to develop a mobile guidance center and employ a vocationally certified guidance counselor to work with elementary teachers in three school districts to develop an appreciation for the world of work and an interest in career development in K-8 students. Materials and equipment will be acquired. Presentations will be made at regular inservice meetings and workshops and to informal groups and individual teachers.

SB006347

Mobile Career Development Resource Center.
Project Director: Weiser, William E.
Organization: Cooperative Educational Service Agency 5, River Falls, Wis.
Funding Period: Start Date 1 Oct 71; End Date 30 Jun 72

The objective of this project is to develop a mobile guidance center and employ a vocationally certified guidance counselor to work with elementary teachers in three school districts to develop an appreciation for the world of work and an interest in career development in K-8 students. Materials and equipment will be acquired. Presentations will be made at regular inservice meetings and workshops and to informal groups and individual teachers.

Fiscal Year 1973

SB006348

Audio Visual Aids for Medical Laboratory Technician.
Project Director: Bauer, Annabel B.
Organization: Wisconsin Vocational, Technical, and Adult Education District 1, Eau Claire.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 01-026-151-313

The objectives are to continue and complete the project to develop audiovisual aids in microbiology, hematology, and blood banking. Audiovisual materials and plans will be adapted to fit the Medical Laboratory Technician program. Two medical technologists and instructors will continue to work on the audiovisual aids in these areas, and the audiovisual specialist will continue to assist with media development.

SB006349

Development and Evaluation of Curriculum and Media to Train Part-Time Fire Service Instructors in a Rural Area.
Project Director: Welch, William G.
Organization: Southwest Wisconsin Vocational, Technical, and Adult Education District 3, Fennimore.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 02-034-151-313

The purpose of this project is to develop and evaluate media and a curriculum to train both part-time fire service instructors and the part-time instructors who train fire service personnel in fire fighting and services during natural disasters. Training of firefighters will be extended to where they are located; the part-time instructor training will be accomplished with a professional fire service instructor, state board consultant services, and multimedia methods.

SB006350

Mobile Career Planning Unit.
Project Director: Campbell, William H.
Organization: Western Wisconsin Technical Inst., La Crosse.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 02-036-151-313

The Mobile Career Planning Unit will continue to be developed to give occupational information to the rural youth of Western Wisconsin Technical Institute to permit career exploration through visual media. The mobile unit will provide supportive audiovisual materials to the career development project of district schools and will provide the adult community with information on employment opportunities.

SB006351

Model Internship Research.
Project Director: Ahrens, Robert
Organization: Madison Area Technical Coll., Wis.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 04-005-151-223

This project seeks to implement a proposed model internship-seminar. Objectives are to bridge the gap beteen graduation and job placement of fashion merchandising students by identifying entry positions leading to advancement in fashion merchandising; expand the educational and attitudinal preparation of students via supervised work experience; and evaluate the relevancy of the fashion merchandising curriculum through employers' evaluations of students.

SB006352

Individualizing Instruction for Vocational-Technical Students.
Project Director: Grum, Richard A.
Organization: Madison Area Technical Coll., Wis.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 04-013-151-313

This project will be the second stage in the development of an audio-tutorial program of personalized instruction being introduced into laboratory sections of skill training courses. Students will be able to assess the laboratory units to the extent necessary, and instructors will be freed from repetitious tasks to spend more time with individual students.

SB006353

An Integrated Course in Communication, Psychology, and Sociology for One Year Health Occupation Students.
Project Director: Kilgour, William
Organization: Madison Area Technical Coll., Wis.
Contract and/or Control No.: 04-037-151-313

This project will develop a broadened general education course for one-year health occupations students. The course will integrate English, psychology, and sociology and will utilize team teaching. A primary objective will be to devise a means for evaluating the student's knowledge, attitudes, and behavior during the integrated course, after one semester, and at the end of the course.

SB006354

Career Information Service.
Project Director: Hogard, R. W.
Organization: Blackhawk Vocational-Technical School, Janesville, Wis.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 05-109-151-313

The intent of this continued project is to increase the number of persons served by Blackhawk Vocational-Technical School's educational programs. It is anticipated that this effort, using peer group information service officers, will enable the school to attract a large number of individuals who are considered disadvantaged and would very likely not continue their education without this special type of contact.

SB006355

Project Career Exploration.
Project Director: Schoenberger, R. L.
Organization: Waukesha County Technical Inst., Pewaukee, Wis.
Funding Period: Start Date 1 Nov 72; End Date 31 Jan 73
Contract and/or Control No.: 08-026-151-313

This project is designed to provide high school students with career information to aid them in career selection. This pilot project will develop and implement curriculum material. In Phase I, two career areas will be selected and developed into career exploration courses; in Phase II, these courses will be implemented in two high schools.

SB006356

Project Decision - Phase II.
Project Director: Schoenberger, R. L.
Organization: Waukesha County Technical Inst., Pewaukee, Wis.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 08-024-151-313

A career library will be established in each of seventeen high schools to assist students in making career decisions. Each career library will contain an audiovisual tutorial device for disseminating and presenting career information to individuals and small groups.

SB006357

Health Occupations Core Curriculum.
Project Director: Vinson, Ruth
Organization: Lakeshore Technical Inst., Cleveland, Wis.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 11-020-151-313

This project is an exploratory attempt to determine whether a core block of courses could be developed to allow students to investigate and gain competencies in their chosen field while also retaining mobility to transfer into other programs if they should so desire. Development of the project will enable the faculty, advisory committees, and other school personnel to evaluate the merits of such a program.

SB006358

Providing Relevant In-Service Experiences for Instructors in Vocational-Technical Education.
Project Director: Spanbauer, Stanley J.
Organization: Fox Valley Technical Inst., Appleton, Wis.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 12-033-151-313

The purposes of this exemplary project are to design a pilot program of inservice training which will encourage instructors to go out into business and industry as part of their inservice assignment and design a reporting system whereby instructors will provide information concerning their visitation through an audiovisual presentation or narrative report of their activities.

SB006359

Career Information for Area High Schools.
Project Director: Maney, Thomas J.
Organization: Nicolet Coll. and Technical Inst., Rhinelander, Wis.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 16-038-151-313

The objectives of this program are to provide realistic vocational career information in the form of audiovisual packages on a permanent loan basis to the eleven district high schools, Camp McNaughton, and three Indian communities. These fifteen locations will be provided with films on selected career areas upon request. A career counselor will provide follow-up services.

SB006360

Study of Vocational Assessment.
Project Director: Sather, William
Organization: Wisconsin Div. of Vocational Rehabilitation, Madison.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 19-023-151-313

The purpose of the project is to demonstrate that a Division of Vocational Rehabilitation (DVR) agency can continuously upgrade the quality of judgements and decisions made by DVR counselors which affect individual clients through a system of feedback of DVR client data. This upgrading should result in the development of more appropriate plans for vocational training in a variety of settings.

SB006361

Career Consultant Project.
Project Director: Campbell, William H.
Organization: Wisconsin Univ., La Crosse.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73
Contract and/or Control No.: 02-037-151-313

The primary purpose of this project is to make available career guidance and informational services in technical, paraprofessional, and skill occupations to students of the University of Wisconsin, La Crosse, and information on collegiate programs in Wisconsin to students at Western Wisconsin Technical Institute. This project is a continuation of a project designed to provide a career education consultant to these students.

SB006362

Mobile Vocational Guidance.
Organization: Brillion High School, Wis.

Objectives of this program are to provide guidance and counseling for four schools in the area which have not been able to provide full guidance services to their students. Program emphasis will be for non-college bound students. A mobile unit will be used as a counseling lab and will be equipped with appropriate career and occupational information, tests, and audiovisual aids.

SB006363

School Career Guidance.
Organization: West Allis Joint City School, Wis.

Descriptive information unavailable.

SB006364

Career Development.
Organization: Cooperative Educationa' Service Agency 4, Cumberland, Wis.

Descriptive information unavailable.

SB006365

Mobile Vocational Guidance.
Project Director: Dillingham, Courtney K.
Organization: Waupaca School District, Wis.

This program will provide vocational and career guidance materials and services for five school systems. A mobile guidance trailer will be used as a guidance resource center for students, faculties, and communities. A vocational guidance counselor will serve as coordinator of the unit's school and community activities. The Wisconsin Employment Service, Department of Public Instruction, will cooperate to implement the program. A follow-up study of graduates, parents, faculties, and present students will be used to evaluate the program's effectiveness.

SB006366

Career Development - CESA #5.
Organization: Cooperative Educational Service Agency 5, Elmwood, Wis.

Descriptive information unavailable.

SB006367

Career Development - Waupaca.
Organization: Waupaca School District., Wis.

Descriptive information unavailable.

SB006368

Career Development - Wisconsin Rapids.
Organization: Wisconsin Rapids School District, Wis.

Descriptive information unavailable.

SB006369

Career Development - CESA #4.
Organization: Cooperative Educational Service Agency 4, Cumberland, Wis.

Descriptive information unavailable.

SB006370

NEWIST - CESA #9.
Organization: Cooperative Educational Service Agency 9, Green Bay, Wis.

Descriptive information unavailable.

SB006371

Career Education - Muskego.
Organization: Muskego School District, Wis.

Descriptive information unavailable.

Fiscal Year 1974

SB006372

Career Mobile Project.
Project Director: Campbell, William
Organization: Western Wisconsin Vocational, Technical, and Adult Education District, La Crosse.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 02-022-151-314

The objectives of this continuation of the Career Mobile Project will include providing a wide range of relevant occupational information and planning services to the rural and urban youth in the Western Wisconsin Vocational, Technical, and Adult Education District and providing both student and adult communities with information on job trends and employment opportunities in cooperation with the La Crosse office of the Wisconsin State Employment Service.

SB006373

Career Consultant Project.
Organization: Wisconsin Univ., La Crosse.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 02-023-151-314

This project will continue the liaison counselor project begun in 1971. The purpose of the counseling program is to provide career guidance and informational services to students about the world of work and program offerings; assist in placement and career advising; and consult on career education for the university, institute, and district secondary schools.

SB006374

Decision II.
Project Director: Stelch, John C.
Organization: Southwest Wisconsin Vocational-Technical Inst., Fennimore.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 03-022-151-314

The objective of this project is to develop techniques and materials for use in career libraries to be established throughout southwest Wisconsin. The materials will emphasize agriculture careers for rural Wisconsin residents and allow students to become aware of the various careers and career clusters for which training is available at Wisconsin VTAE institutions. The materials will also provide students with current information on job opportunities, responsibilities, and advancement.

SB006375

Development of a Model for a Small Store Operation for Fashion Merchandising Students to be Utilized by Instructors in F.M. Programs.
Project Director: Ahrens, Robert
Organization: Madison Area Technical Coll., Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 04-021-151-314

this project will develop a model for a course in small store operations that could be used in postsecondary fashion merchandising programs. The objectives include (1) bridging the gap between graduation and employment of fashion merchandising students, (2) offering more learning experiences in a chosen area, (3) making available the challenge of management responsibility, and (4) following-up the relevance or value of the project to instructors and students.

SB006376

Computer Oriented Accounting.
Project Director: Breese, William E.
Organization: Milwaukee Area Technical Coll., Wis.
Funding Period: Start Date 1 Jul 73; End Date 31 Dec 73
Contract and/or Control No.: 09-042-151-224

This is the continuation of the computer augmented accounting project designed to facilitate the learning of the basic concepts and techniques of accounting and increase the impact of this learning experience through the use of a computer. By using a computer to supply the mathematical work, students will be able to concentrate more on accounting principles and concepts.

SB006377

Basic Fluid Power Multi-Media Self-Instruction Package.
Project Director: Banerdt, Jack
Organization: Gateway Vocational, Technical, and Adult Education District, Kenosha, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 06-175-151-314

This project will develop a series of basic fluid power, multimedia self-instruction programs to form a complete self-instruction package that will meet the lecture requirements of the basic fluid power course. This package of twenty-eight separate programs can be used in whole or in part by secondary and postsecondary schools and industry. The package will enable students who have difficulty with lecture materials to review the basic concepts and keep pace with the remainder of the class.

SB006378

Telephone and Information Career Occupational Service.
Project Director: Banerdt, Jack
Organization: Gateway Vocational, Technical, and Adult Education District, Kenosha, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 06-180-151-314

The purpose of this project is to develop a series of fifty-five to sixty career information cassette tapes designed as a counseling and guidance information tool to inform potential students, their parents, and the public of the programs, services, and activities offered in the Gateway Technical Institute district. Standardized information approved by instructors in each program will be disseminated via the telephone through a contracted twenty-four hour answering service.

SB006379

Comprehensive Career Education Center Model.
Project Director: Stoll, Philip
Organization: Moraine Park Vocational, Technical, and Adult Education District 10, Fond du Lac, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 10-001-151-314

The purposes of this study are to determine the need and provide materials for a career education center of vocational and technical materials and establish a system of disseminating materials and information to the public and to private and public schools within the Moraine Park VTAE district. The project will inventory all materials presently available in district, state, and national agencies and will evaluate the present career education materials for inclusion in the center.

SB006380

Implementing a Year-Round, Open-Ended Educational Program.
Project Director: Spanbauer, Stanley J.
Organization: Fox Valley Technical Inst., Appleton, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 12-081-151-314

The purpose of this project is to research a model containing a management system and operational procedure for an open entry/open exit, year-round education program. Specifically, the project will conduct an intensive survey to determine the needs and interests necessary to consider in implementing a year-round program, refine the tentative model and establish specific guidelines for developing the program, and provide inservice training for instructors participating in the program.

SB006381

Open Ended Learning Resource Center for Developmental Programs.
Project Director: Paulsen, Russell
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 15-068-151-314

The objectives of this project include developing a comprehensive evaluation program to assess the abilities and interests of entering students as they relate to success in a postsecondary vocational and technical education; developing an open ended program of remedial education on an individualized instruction basis for courses including English, reading, and arithmetic review; and coordinating development courses and career exploration experiences with programs in adult basic education.

SB006382

Career Information for Area High Schools.
Organization: Nicolet Coll. and Technical Inst., Rhinelander, Wis.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 74
Contract and/or Control No.: 16-038-151-314

Objectives of this expanded career education project are to provide (1) opportunities for career exploration of occupational clusters; (2) materials to heighten student awareness of educational programs available to them; (3) materials to the Wisconsin State Employment Service to assist disadvantaged and handicapped youth in identifying career opportunities; and (4) information, through the services of a career education specialist, on career education concepts and how to implement these concepts.

SB006383

Individualized Instructional Systems Approach to Secretarial Science.
Organization: Wisconsin Indianhead Vocational, Technical, and Adult Education District, Shell Lake.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 74
Contract and/or Control No.: 17-401-151-314

The purpose of this project is to develop an individualized audiovisual instructional system for teaching entry-level skills in accounting, secretarial machines, secretarial procedures, and secretarial intern/model office courses. A second purpose is to revise, where necessary, the behavioral objectives and materials presently being used in an individualized system for teaching shorthand, typing, business math, and accounting.

SB006384

Study of Vocational Assessment.
Project Director: Towne, A. E.
Organization: Wisconsin Div. of Vocational Rehabilitation, Madison.
Funding Period: Start Date 1 Jul 73; End Date 30 Sep 73
Contract and/or Control No.: 19-023-151-314

The purpose of this project is to demonstrate that a Division of Vocational Rehabilitation agency can continuously upgrade the quality of DVR counselors' judgements and decisions affecting individual clients by implementing a feedback system of DVR client data. The project will assess the diagnostic skills and accuracy of predictions of vocational rehabilitation outcomes made by psychologists, counselors, and workshop evaluators and the extent to which diagnostic reports and consultation influence DVR counselors' judgements and predictions.

SB006385

Development of Office Simulation Program for Account Clerk and Clerk-Typist Programs.
Project Director: Banerdt, Jack
Organization: Gateway Vocational, Technical, and Adult Education District, Kenosha, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 06-187-151-314

This project aims to develop a simulated office laboratory to provide students with practical work experience. Other objectives included in this project are improving student understanding of the routine flow of office work, helping to reduce youth unemployment and developing the employability of the disadvantaged student, developing decision-making skills through role-playing and critical incidents, and developing attitudes which are desirable for successful office employment.

SB006386

Evaluation of the OVIS Survey as an Occupational Guidance and Counseling Tool for High Schools and as a Vocational Technical Program Need Indicator.
Project Director: Roder, Richard F.
Organization: Wisconsin Indianhead Vocational, Technical, and Adult Education District, Shell Lake.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74
Contract and/or Control No.: 17-025-151-314

This project is the continuation of a program to evaluate the use of the Ohio Vocational Interest Survey (OVIS) as a key to guidance and program planning. The survey will be administered to high school juniors, and the resulting information will be used for career guidance and information purposes. A record of enrollment applications will

be maintained and cross-referenced with student interests indicated on the survey to provide a measure for evaluating the survey's effectiveness.

SB006387 **VTP-1285**

Employability Skills - A State Wide Job Placement Education Program. Lambert, Roger
Organization: Wisconsin Univ., Madison.
Funding Period: Start Date 1 Jan 74; End Date 30 Jun 74

The goals of this project are to develop a series of approximately thirteen modules which incorporate concepts of individualized instruction; test, evaluate, and restructure the modules; and design the modules so that local persons can easily use them. One professional staff person will be assigned full time to the project.

SB006388 **VTP-1319**

Preliminary Implementation of Office Simulation Lab.
Project Director: Nierode, Frederick
Organization: Lakeshore Technical Inst., Cleveland, Wis.
Funding Period: Start Date 1 Jan 74; End Date 30 Jun 74

The objective of this project is to implement a simulated office in a new school building. In the first phase, equipment and materials will be organized and evaluated. The office will be implemented in the second phase. Curricula in secretarial science and vocational office occupations will be revised to avoid duplication of instruction.

SB006389 **VTP-1320**

Implementation of Terminal Applications for Computer Assisted Instruction (CAI).
Project Director: Whaley, Harold R.
Organization: Fox Valley Technical Inst., Appleton, Wis.
Funding Period: Start Date 27 Feb 74; End Date 31 Jul 74

The objectives of this project are to develop and purchase CAI programs which can be used for alternative methods of instruction, modify and add terminals, and have a number of students complete a lesson. The staff will be identified, existing CAI programs will be obtained, materials will be prepared, and training workshops for students and faculty will be conducted.

Fiscal Year 1975

SB006390 **VTP-1567**

Implementation of Terminal Applications for Computer Assisted Instruction (CAI) and Student Records Systems (SRS).
Project Director: Whaley, Harold R.
Organization: Fox Valley Technical Inst., Appleton, Wis.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The goals of this project are to develop a student recording system, purchase or develop computer assisted instructional materials, develop programs for the disadvantaged, and prepare materials for CAI instruction and for apprentice programs. Staff will be identified, existing CAI programs will be obtained, and training sessions for students and faculty on CAI usage will be conducted.

SB006391 **VTP-1546**

Implementation of Office Simulation Laboratory.
Project Director: Nierode, Frederick J.
Organization: Lakeshore Technical Inst., Cleveland, Wis.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

A simulated office will be created to allow students to work in a realistic setting, provide motivation to disadvantaged students, provide skills to youths between the ages of 18 and 21, and provide persons returning to work after a long absence the opportunity to update skills. Equipment and materials to be used will be evaluated and purchased. The curricula for secretarial science and vocational programs for clerk-typist, business machines, and stenography will be revised to avoid duplication.

SB006392

Development of Office Simulation Program for Account Clerk and Clerk-Typist Programs.
Project Director: Banerdt, Jack
Organization: Gateway Vocational, Technical, and Adult Education District, Kenosha, Wis.

This project intends to develop a simulated office laboratory to provide students with practical work experience. Other objectives included in this project are (1) improving student understanding of the routine flow of office work, (2) helping to reduce youth unemployment and developing the employability of the disadvantaged student, (3) developing decision-making skills through role-playing and critical incidents, and (4) developing attitudes which are desirable for successful office employment.

SB006393

Computer Oriented Accounting.
Project Director: Kammer, Dean H.
Organization: Madison Area Technical Coll., Wis.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75
Contract and/or Control No.: 04-037-151-315

This program is a continuation of a project dealing with computer oriented accounting. This segment of the project will develop computer oriented accounting applications for the job order and process cost accounting courses. Work will continue on the areas developed in the prior year's efforts.

SB006394 **VTP-1570**

Career Information, Group Counseling.
Project Director: Banerdt, Jack
Organization: Gateway Vocational, Technical, and Adult Education District, Kenosha, Wis.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The aim of this project is to develop and implement additional student services directed to the minority and disadvantaged student with the objectives of improving recruitment effectiveness and enrollment retention and minimizing attrition. On-the-job and telephone interview tapes, eight to ten minutes long, will be developed for all vocational and technical programs.

SB006395 **VTP-1569**

Implementing a Flexible Year-Round Educational Program for Vocational-Technical Education - Phase II.
Project Director: Spanbauer, S. J.
Organization: Fox Valley Technical Inst., Appleton, Wis.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purposes of this project are to disseminate a multimedia presentation for all VTAE districts, develop an evaluation system for year-round program use, assist department staff in data analysis and preparation of proposals for conversion to year-round education, and review curriculum project proposals. The committee function of Phase I will be continued, and a final report for Phase II will be prepared.

SB006396 **VTP-1568**

Career Information for Area High Schools.
Project Director: Brown, Richard J.
Organization: Nicolet Coll. and Technical Inst., Rhinelander, Wis.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to provide necessary personnel and equipment to maintain the project and its elements as developed during the preceding two years and provide additional personnel, equipment, and services as requested by the site personnel. A final evaluation of the objectives will be conducted.

SB006397 **VTP-1566**

Employability Skills - A Job Placement Education Program.
Project Director: Lambert, Roger H.
Organization: Wisconsin Univ., Madison.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purpose of this project is to enable the students, upon completion of the modules, to inventory their abilities, aptitudes, interests, and job skills. The modules will be tested, developed into a package, and reproduced. A workshop on the use of the program will also be conducted.

SB006398

Career Education Project.
Organization: Muskego-Norway Consolidated Schools, Muskego, Wis.

Descriptive information unavailable.

SB006399 VTP-1582

Vocationally Coordinated Curriculum for General Education.
Project Director: Stoll, Philip
Organization: Moraine Park Technical Inst., Fond du Lac, Wis.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The aim of this project is to restructure the general education curriculum to provide flexibility in subject matter and coordinate it with student and employer needs, vocational program objectives, and counseling. The personal needs and interests of the students and the needs of the program will be surveyed through a prepared questionnaire.

SB006400 VTP-1767

Multi-Lateral Vocational Project.
Project Director: Pellegrin, Joseph
Organization: Wisconsin Dept. of Public Instruction, Madison.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The purposes of this project are to provide opportunities for the development of salable skills for students enrolled in schools with inadequate facilities, utilize programs in larger districts, and increase cooperation between larger and smaller schools. This project is a feasibility study for determining structure and posture for developing cooperative opportunities for vocational education.

SB006401 VTP-1769

Project Invest: Pre-Service, In-Service, Post-Service.
Project Director: Falk, Ruel F.
Organization: Wisconsin Univ., Eau Claire.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The aims of this project are to pilot the workflow simulation materials in training sites, develop teaching strategies and become familiar with materials in a two-day workshop, develop inservice meetings for instructors, and evaluate the pilot test and make recommendations. Each training center will be visited for the project.

SB006402 VTP-1762

Career Education - Community Involvement Continuum.
Project Director: Skaar, Gerald
Organization: Lincoln High School, Wisconsin Rapids, Wis.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

The objectives of this project are to (1) provide for the expansion of the computer science and data processing curriculum, (2) examine communication processes employed in organizations and careers and identify tasks and situations in which these processes are fundamental, and (3) identify the steps in the performance of these tasks. The use of the computer by students and staff will be continually surveyed.

SB006403 VTP-1765

Health Occupations Education Program.
Project Director: Ponschok, Fred
Organization: Shawano High School, Wis.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This program will be designed to help students explore health careers, prepare students for entry-level employment and advanced education, and help students become informed consumers of health services and resources. Both community and student surveys will be conducted, and guidelines will be written.

SB006404

Accounting II.
Project Director: Harms, Dan
Organization: Boyceville High School, Wis.

Funds for this project will enable a course in Accounting II to be taught. Topics to be covered include school store accounting and inventories, use of adding machines and calculators, partnership accounting, corporation accounting, cost accounting, data processing, departments and payroll accounting, and preview bookkeeping cycle.

SB006405 VTP-1855

Career Development in Industrial Education.
Project Director: Danielson, Robert A.
Organization: Clintonville School, Wis.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 76

The objectives of this project are to provide broad exploratory experiences in construction, manufacturing, communications, and product services for those students who are considering further study in these areas and provide an exploratory background for those students who, because of their career objectives scheduling, are only able to take one course in industrial arts.

Fiscal Year 1976

SB006406 VTP-2323

Implementation of Terminal Applications for Computer Assisted Instruction (CAI).
Project Director: Whaley, H. R.
Organization: Fox Valley Technical Inst., Appleton, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 12-241-151-316

The objectives of the CAI project will be to develop and purchase CAI programs, develop methods of instruction, and train staff and students in the use of terminals for CAI. A number of students will be expected to complete a series of lessons in various disciplines using CAI.

SB006407 VTP-2325

Job Placement.
Project Director: Seifert, Terry
Organization: Oshkosh Area Public Schools, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project is designed to reduce youth enwmployment, establish placement and follow-up services, and increase employers' awareness of students as a potential source of labor. Inservice sessions will aid teachers, and materials on local employment opportunities will be increased. A program for school dropouts will be initiated, as will onsite contact with employers and former students.

SB006408

Multi-Lateral Vocational Education.
Organization: Cooperative Educational Service Agency 8, Appleton, Wis.

Descriptive information unavailable.

SB006409

Accounting II.
Project Director: Harms, Dan
Organization: Boyceville Schools, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 6-3665-E00

Funds for this project will enable a course in Accounting II to be taught. Topics to be covered include school store accounting and inventories, use of adding machines and calculators, partnership accounting, corporation accounting, cost accounting, data processing, departments and payroll accounting, and preview bookkeeping cycle.

SB006410 VTP-2322

Health Occupations Education Program.
Project Director: Cyr, Angela V.
Organization: Shawano High School, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This program is designed to help students explore health careers and prepare students for entry-level employment, advanced education, or training in health related fields. Activities will be in three phases–inclass instruction and field trips, personalized study course, and a work/study course.

SB006411 VTP-2315

Career Development - Industrial Education.
Project Director: Danielson, Robert A.
Organization: Clintonville Schools, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This third year of a three-year program will continue to develop and expand a career education program at the junior high level. Students will be provided with broadly based experiences leading to the clusters concept at the senior high level. Staff will attend summer workshops prior to program implementation.

SB006412

Pre-Vocational Survival English in the World of Work and Career Information for Indochinese.
Project Director: Orellana, Armando A.
Organization: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 19-73-151-316

This project, a joint effort of the Wisconsin Board of Vocational, Technical, and Adult Education and the Resettlement Assistance Office, will develop instructional materials for survival English in the world of work by translating materials and information related to twenty-four vocational training programs and careers into Vietnamese. An inservice workshop will be held for fifty English as a Second Language instructors.

SB006413

Pre-Vocational and Career Information for ESL.
Project Director: Becker, William
Organization: Gateway Technical Inst., Kenosha, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 06-086-151-316

This project is designed to develop instructional materials for survival English in the world of work using information related to vocational training programs and careers as the content. Material will be developed at beginning, intermediate, and advanced levels. Each level will deal with programs which require relatively low ability to communicate in English.

SB006414 VTP-2330

Special Collection for Hearing Impaired.
Project Director: Mills, Kenneth
Organization: Gateway Technical Inst., Kenosha, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 06-163-151-316

To meet the needs of the hearing impaired individual seeking career information, this project will develop a collection of career information materials and become the model Vocational, Technical, and Adult Education Information Center on career education for the deaf. Materials will be selected with a broad scope to meet student needs in all occupational and subject fields. Media that give the students awareness of the job market within the district and community will also be included.

SB006415 VTP-2321

Greater Milwaukee Metropolitan Area Career Education Project, Phase IV.
Project Director: Manske, Richard G.
Organization: Cooperative Educational Service Agency 19, Milwaukee, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 09-020-151-316

This continuation of a career education project includes the following objectives: promoting the development of K-adult career education programs, establishing career education activities and programs in K-12 school systems in the Milwaukee Area Technical College district, and working with communities and schools to promote career education programs for the handicapped.

SB006416 VTP-2332

Strengthening Career Awareness Through Personal Peer Interaction.
Project Director: Temte, William
Organization: Western Wisconsin Technical Inst., La Crosse.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will provide firsthand experiences for high school students to explore the training requirements of many of the technical careers at Western Wisconsin Technical Institute. Thirty to forty high school students will be paired with students from their high school presently enrolled at the institute. The program will provide indepth information, group counseling, and classroom visitation.

SB006417 VTP-2316

Career Information - Peer Counseling (S-T-S).
Project Director: Strifling, Robert
Organization: Gateway Technical Inst., Kenosha, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 06-179-151-316-C

The purpose of this project is to continue to develop and implement additional student services directed toward the minority and disadvantaged student with the objectives of improving recruitment effectiveness, increasng enrollment retention, and minimizing attrition in full-time programs. Tour and speaking support will be provided, and student-to-student (S-T-S) programs will be developed.

SB006418 VTP-2328

Pre-Vocational and Career Information for ESL.
Project Director: Becker, William J.
Organization: Gateway Technical Inst., Kenosha, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

This project will develop instructional materials at the beginning, intermediate, and advanced levels for courses in English as a second language. Course content will be related to vocational training programs and careers. Each level will deal with programs requiring a corresponding level of ability to communicate in English. Twenty-four units of materials will be developed, and a workshop will be held upon completion of the units.

SB006419 VTP-2317

Determining Effect of Lowering Reading Level of Technical Science I Materials on Student Achievements.
Project Director: Schrader, Marvin A.
Organization: Lakeshore Technical Inst., Cleveland, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 11-031-151-316

This project is designed to determine if modification of present materials to incorporate a lower reading level will help to solve the problem of noncompletion of the Technical Science 1 course. The reading level range and average of the students entering the course will be determined by a diagnostic reading test, and the present course materials will be modified.

SB006420 VTP-2326

Job Skill Development for EMR's.
Project Director: Falck, Edward A.
Organization: Lakeshore Technical Inst., Cleveland, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76

The objectives of this project will be to provide vocational training to the educable mentally retarded and provide appropriate curriculum that will allow for job entry and student success. Fifty EMR students between sixteen and twenty-one will be enrolled in the program. Instructional programs will be developed for various job categories, and inservice training will be provided for the instructors.

SB006421 VTP-2335

Year-Round Education.
Project Director: Spanbauer, Stanley J.
Organization: Fox Valley Technical Inst., Appleton, Wis.

Phase III of this project, the final phase, is designed to develop, implement, and evaluate a flexible, year-round program of vocational and technical education. It includes a continuation of the development and implementation of other programs, but its main objectives are the continued development of an evaluation design and the establishment of a management system which contribute to the effectiveness of the year-round programs.

SB006422

Course Development - DECA.
Project Director: Ladwig, Dennis
Organization: Lakeshore Technical Inst., Cleveland, Wis.
Funding Period: Start Date 1 Jul 75; End Date 30 Jun 76
Contract and/or Control No.: 11-039-151-316

The objectives of this project are to develop four courses for postsecondary students so that more students may take advantage of an active membership in Distributive Education Clubs of America and be better educated to function in community and professional organizations upon graduation.

Fiscal Year 1977

SB006423

Pre-Vocational Survival English in the World of Work and Career Information for Indochinese.
Project Director: Bodine, Merle W.
Organization: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison.

The purpose of this project is to select English materials and translate and adapt them into the Vietnamese language at three levels: beginning, intermediate, and advanced. Objectives are to acquaint students with the technical jargon of the world of work, provide youth with occupational information, and inform students and instructors as to the unique grammatical characteristics of the English and Vietnamese languages.

SB006424

DECA Phase II.
Project Director: Nierode, Frederick J.
Organization: Lakeshore Vocational, Technical, and Adult Education District, Cleveland, Wis.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 11-034-151-317

The purpose of this project is to fully develop the remaining three courses in a package of four courses that was initiated last year to stimulate students to become active and participate in Distributive Education Clubs of America. With the completion of these courses, the full package will be of value to postsecondary students. Procedures will include a research and writing phase and a workshop. These phases will be conducted at Lakeshore Technical Institute. The four courses will be designed so other vocational education student organizations can use them.

SB006425 VTP-2663

Services to the American Indian Population to Bridge the Gap Between Education, Culture and the World of Work.
Project Director: Brown, Richard J.
Organization: Nicolet Coll. and Technical Inst., Rhinelander, Wis.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 16-061-151-317

This project will focus on developing and field testing a model for improving the links between school, cultures, and the world of work for American Indians. A consortium will seek to resolve educational problems confronting Indians. A selected number of youths will be familiarized with a broad range of occupations and educational and training opportunities. VTAE services will be upgraded, and appropriate instructional and supportive materials and an operational model will be developed.

SB006426 VTP-2662

Pre-Apprenticeship Feasibility Project for Plumbers.
Project Director: Paulsen, Russell
Organization: North Central Technical Inst., Wausau, Wis.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 15-091-151-317

The purpose of this project is to identify the feasibility of developing and implementing a pre-apprentice training program for plumbers which would provide students with work exploration. A representative sampling of plumbing contractors will be surveyed or interviewed. A study to identify curriculum content and depth needed for trainees will be conducted, and the training curriculum and instructional and promotional materials will be developed.

SB006427 VTP-2660

Faculty Advisement Model.
Project Director: Hillery, Milton
Organization: Gateway Vocational, Technical, and Adult Education District, Kenosha, Wis.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77
Contract and/or Control No.: 06-157-151-317

The goal of this project is to develop and implement a faculty advisement model to increase retention of students within the Wisconsin Vocational, Technical, and Adult Education District. Related materials will be collected and reviewed. An advisement system model, motivational tools, a training program for upgrading faculty skills, and evaluation criteria will be developed.

SB006428 VTP-2664

Strengthening Career Awareness Through Personal Peer Interaction.
Project Director: Richardson, Charles G.
Organization: Western Wisconsin Technical Inst., La Crosse.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The goal of this project is to provide firsthand career experiences to high school students for exploring the training requirements of the technical program. Four hundred high school seniors who have not made career choices will be brought to the institute for four one-day career explorations. Each student will be paired with a student from the institute. The program will provide indepth information, group counseling, and classroom visitation.

SB006429

Wisconsin Occupational Information System - State Board Contribution.
Project Director: Lambert, Roger H.
Organization: Wisconsin Univ., Madison. Center for Studies in Vocational and Technical Education.
Funding Period: Start Date 1 Jul 76; End Date 30 Sep 77
Contract and/or Control No.: 19-013-151-317

The project will fund the Wisconsin Occupational Information System which combines computerized and manual information files, audiovisuals, and printed materials on national and state occupations, training institutions and institutions of higher education, financial aids, human resources and careers in the military. Information is collected from the Job Service, Department of Labor, and educational agencies and is organized for easy access by high school students, the unemployed, and other job seekers.

SB006430

Secondary School Educators In-Service Material Preparation Apprenticeship.
Organization: Wisconsin Indianhead Vocational, Technical, and Adult Education District, Shell Lake.
Funding Period: Start Date 1 Jan 77; End Date 30 Jun 77
Contract and/or Control No.: 17-080-151-167

The purpose of this project is to provide inservice training to high school personnel on apprenticeship and apprenticeship careers. This effort will promote a better understanding of this unique area of training and will help eliminate the barriers which sometimes exist between secondary and vocational educators.

SB006431

WOIS for Indianhead District.
Organization: Wisconsin Indianhead Vocational, Technical, and Adult Education District, Shell Lake.
Contract and/or Control No.: 17-081-156-317

The purpose of this project is to provide residents of northwest Wisconsin with extensive information for career planning and decision making, as well as with sources of occupational descriptions and projections. Information will be provided through the Wisconsin Occupational Information System computer terminal at the Rice Lake Campus. The system will be available to secondary students and adults seeking career information.

SB006432

Needs Assessment and Planning Workshop for Bilingual/Bicultural Vocational Education.
Project Director: Nelson, Orville
Organization: Wisconsin Univ. - Stout, Menomonie.
Funding Period: Start Date 1 Jan 77; End Date 30 Jun 77
Contract and/or Control No.: 19-081-151-317

The purpose of this project is to identify the vocational teacher and vocational teacher trainer needs as they relate to developing bilingual/bicultural learning experiences and materials, courses, and teaching strategies. A second purpose is to design a professional development plan for bilingual/bicultural education. A delivery system will also be designed for pre and inservice training in this area.

SB006433

Multilateral Project.
Organization: Cooperative Educational Service Agency 8, Appleton, Wis.

Descriptive information unavailable.

SB006434

Health Occupations Education Program.
Project Director: Cyr, Angela V.
Organization: Shawano High School, Wis.

This project is designed to help students explore health careers, prepare for entry-level employment in the health industry, prepare students for advanced education or training in health related fields, and help students to become informed consumers of health services and resources. Activities will be in three phases.

SB006435

Job Placement.
Project Director: Seifert, Terry
Organization: Oshkosh Public Schools, Wis.

This project intends to reduce youth unemployment, establish placement and follow-up services, and increase employers' awareness of students as a potential source of labor. Procedures will include inservice training to aid teachers in integrating job finding and holding skills into the curriculum, community-school public relations program related to local opportunities, a program for school dropouts, and onsite contact with employers and former students.

SB006436

Job Placement.
Organization: Milwaukee Public Schools, Wis.

Descriptive information unavailable.

SB006437

Job Placement.
Organization: Orfordville Public Schools, Wis.

Descriptive information unavailable.

SB006438

Job Placement.
Organization: Fond du Lac Public Schools, Wis.

Descriptive information unavailable.

SB006439

Job Placement.
Organization: Brillion Public Schools, Wis.

Descriptive information unavailable.

SB006440

Job Placement.
Organization: Adams Public Schools, Friendship, Wis.

Descriptive information unavailable.

SB006441

Regional Program Coordination.
Organization: Sauk Prairie Public Schools, Wis.

Descriptive information unavailable.

SB006442

Job Placement.
Organization: Luxemburg Public Schools, Casco, Wis.

Descriptive information unavailable.

SB006443

Cooperative Word Processing.
Organization: Cooperative Educational Service Agency 8, Appleton, Wis.

Descriptive information unavailable.

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WYOMING

Part C

Fiscal Year 1971

SB006444 **VTP-067**

Summer Research for the Development of a Curriculum in Basic Communications Skills for the Educationally Disadvantaged or Special Interest Vocational Student.
Project Director: Radakovich, Dan
Organization: Western Wyoming Coll., Rock Springs, Wyo.
Funding Period: Start Date 1 Jun 71; End Date 31 Aug 71

The objectives of this project are to review all materials of value in preparing a basic communications course for the educationally disadvantaged or special interest vocational student, evaluate and select items that will meet the needs of the student, prepare a syllabus and some suggestions for a course, and prepare a workbook to serve as the core of a course in practical writing for industrial trades.

SB006445 **VTP-506**

A Research Proposal to Evaluate the Suitability and Effectiveness of the A.C.T. Career Planning Profile for the Improvement of Vocational Guidance of Students in Wyoming Community Colleges (A Pilot Study).
Project Director: Danko, Gerald
Organization: Northwest Community Coll., Powell, Wyo.
Funding Period: Start Date 1 Sep 71; End Date 31 Aug 71

The purpose of this study is to determine if a new program introduced by the American College Testing Program would better meet the needs of community colleges than current programs. The program, Career Planning Profile (CPP), has been designed for open door institutions and community colleges. A pilot project will be conducted at one community college. Both the CPP and the regular ACT program will be used, and the results will be compared.

SB006446

A Research Proposal to Survey Occupational Buildings and Shop Facilities.
Organization: Dubois High School District, Wyo.

The purpose of this project is to review existing shop facilities to provide planning for a modern vocational education shop in a rural school district. Project staff, together with a local advisory committee, will survey local educational and industrial needs, make field trips, evaluate relevant information and experience, and compose a plan with recommendations suited to planned programs. The shop program will include world of work awareness and career orientation, exploration, and skill development.

SB006447 **VTP-804**

Laramie High School Office Occupations Survey.
Project Director: Roehrkasse, Leonard
Organization: Laramie Public Schools, Wyo.
Funding Period: Start Date 1 Jul 72; End Date 15 Jun 74

The objective of this project is to implement a three-phase survey of former and present students and the business community to provide data to assist the department in evaluation. A former student follow-up survey and an annual survey will evaluate career objective trends and the effects of a career orientation course. An annual business survey will determine needs in local offices and community receptivity to a cooperative work experience program.

Fiscal Year 1972

SB006448 **VTP-801**

The Development of a Wage Earning Program for Wyoming Home Economics Teachers.
Project Director: Gade, Dolores
Organization: Wyoming Univ., Laramie. Dept. of Vocational Education.
Funding Period: Start Date 1 Jun 72; End Date 31 Aug 72

This project will design a curriculum to provide home economics teachers with the expertise to develop wage earning programs for home economics students in secondary schools. The project will determine the need for and priority of the occupations being considered. A survey will be conducted, and statistics and information about job opportunities will be gathered. The opportunities available to high school graduates will be considered. A curriculum adjustment will be made based on the survey results.

SB006449 **VTP-800**

Employment Opportunities and Educational Needs in Off-Farm Agricultural Occupations in Wyoming.
Project Director: Ruch, Jack L.
Organization: Wyoming Univ., Laramie. Dept. of Vocational Education.
Funding Period: Start Date 1 Jul 72; End Date 30 Jun 73

The purpose of this project is to determine the occupational needs and nature and extent of off-farm agricultural employment opportunities. A projection of the available and needed off-farm occupations should be provided for decision making. A study will be made by the Division of Occupational Education, Wyoming Vocational Agricultural Teachers Association, and the State Department of Education. The final data will be obtained from all twenty-three counties through a questionnaire.

Fiscal Year 1973

SB006450 **VTP-1156**

Laramie High School Office Occupations Survey, 1973.
Project Director: Zimmerer, Mary
Organization: Albany County Public Schools, Laramie, Wyo.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

A three-phase survey of former and present students and the business community will provide data to assist the department in evaluating office occupations. The surveys will provide information comparing high school course selections and achievement with present business skill success, accumulate data concerning career objectives, determine student fluctuation in career choices, plan programs, and determine present job needs.

SB006451

The Development of a Career Education Program Model.
Project Director: Ragan, Dennis
Organization: Glenrock High School District 2, Wyo.
Funding Period: Start Date 20 Apr 73; End Date 1 Sep 73

The main objectives of this project are to review the school career education program to identify elements that have proven successful and review materials from other schools and states to construct an appropriate career education program model. Procedures include evaluating materials, obtaining a qualified consultant, and preparing a detailed syllabus incorporating applicable and appropriate concepts and methods.

SB006452

Summer Training Model for High School Counselors.
Project Director: Burgess, Glenn
Organization: Fremont County School District 25, Riverton, Wyo.
Funding Period: Start Date 15 Jun 73; End Date 15 Jul 73

The placement of a school counselor in the Employment Service Office to be trained for one month and subsequent evaluation of training effectiveness are the main objectives of this project. Procedures include familiarizing the counselor with all aspects of the Employment Service and posttraining evaluation. Closer cooperation between both school and Employment Service counselors should result.

SB006453

Summer Training Model for High School Counselors.
Project Director: Boner, Herman
Organization: Natrona County School District 1, Casper, Wyo.
Funding Period: Start Date 15 Jun 73; End Date 15 Jul 73

The placement of two school counselors in the Employment Service Office to be trained for one month and subsequent evaluation of training effectiveness are the main objectives of this project. Procedures include familiarizing the counselors with all aspects of the Employment Service and posttraining evaluation. Closer cooperation between both school and Employment Service counselors should result.

SB006454

Safety Manual for Vocational Teachers.
Project Director: Sones, Ernest V.
Organization: Natrona County School District 1, Casper, Wyo.
Funding Period: Start Date 18 Jun 73; End Date 27 Jun 73

To produce a safety manual for vocational teachers in Wyoming, this project intends to review literature and evaluate and gather material for use in teaching safety in business, cooperative, trades, industrial arts, home economics, and distributive education programs. A committee of teachers will combine teaching materials, information on teaching techniques, and sample forms such as are required by the state to prepare a manual acceptable to the State Department of Education and compliant with state codes and requirements. The manual will provide a standardized approach to teaching safety.

SB006455

A Research Proposal to Survey Occupational Buildings and Shop Facilities.
Project Director: Albert, Arthur L.
Organization: Weston County School District 1, Newcastle, Wyo.
Funding Period: Start Date 1 Aug 73; End Date 15 Dec 73

The purpose of this project is to review existing shop facilities to provide planning for a modern vocational education shop in a rural school district. Project staff, together with a local advisory committee, will survey local educational and industrial needs, make field trips, evaluate relevant information and experience, and prepare a plan. The shop program will include world of work awareness and career orientation, exploration, and skill development.

SB006456

Proposal for Public Relations Film of Occupational Education.
Project Director: Oliver, Daniel R.
Organization: Northwest Community Coll., Powell, Wyo.
Funding Period: Start Date 1 May 73; End Date 30 Jun 73

This project intends to produce a short film on welding technology for use in public relations. The film will also include an introduction to other areas of college business and occupational programs. The film will be produced using students and local facilities. The production will be supervised by welding and photography instructors.

SB006457

A Study to Design a Computer Program for Analyzing Wyoming Supervised Experience Production Record Books.
Project Director: Durkee, James
Organization: Wyoming Univ., Laramie.
Funding Period: Start Date 1 May 73; End Date 31 Aug 73

The development of a computerized system of record analysis for students of occupational education in agriculture is the main objective of this project. The project also intends to improve the program of instruction in enterprise analysis. Procedures include hiring an occupational education teacher in agriculture and a computer programmer to work together to design a computer-based program of record analysis.

SB006458 VTP-1155

Self Concept and Attitude Change in Eighth Grade Girls After Counselors Implement a Career Education Program.
Project Director: Wingett, Terry J.
Organization: Wyoming Univ., Laramie.
Funding Period: Start Date 25 May 73; End Date 25 May 74

The objective of this program is to improve the self-concept of girls and change their attitudes in a positive direction towards valuing a variety of life styles for women. A program will be designed by the consultant, and a conference will be held to determine the activities of the program. The girls will be pretested, the program will be implemented, and a posttest will be administered to measure the change in attitude.

Fiscal Year 1974

SB006459

The Development of a Career Education Program Model.
Project Director: Ragan, Dennis
Organization: Glenrock High School District 2, Wyo.

The main objectives of this project are to review the school career education program to identify elements that have proven successful and review materials from other schools and states to construct an appropriate career education program model. Procedures include evaluating materials, obtaining a qualified consultant, and preparing a detailed syllabus incorporating applicable and appropriate concepts and methods.

SB006460

Summer Training Model for High School Counselors.
Project Director: Burgess, Glenn
Organization: Fremont County School District 25, Riverton, Wyo.

The placement of a school counselor in the Employment Service Office to be trained for one month and subsequent evaluation of training effectiveness are the main objectives of this project. Procedures include familiarizing the counselor with all aspects of the Employment Service and posttraining evaluation. Closer cooperation between both school and Employment Service counselors should result.

SB006461

Summer Training Model for High School Counselors.
Project Director: Boner, Herman
Organization: Natrona County School District 1, Casper, Wyo.

The placement of two school counselors in the Employment Service Office to be trained for one month and subsequent evaluation of training effectiveness are the main objectives of this project. Procedures include familiarizing the counselors with all aspects of the Employment Service and posttraining evaluation. Closer cooperation between both school and Employment Service counselors should result.

SB006462

Safety Manual for Vocational Teachers.
Project Director: Sones, Ernest V.
Organization: Natrona County School District 1, Casper, Wyo.

To produce a safety manual for vocational teachers in Wyoming, this project intends to review literature and evaluate and gather material for use in teaching safety in business, cooperative, trades, industrial arts, home economics, and distributive education programs. A committee of teachers will combine teaching materials, information on teaching techniques, and sample forms such as are required by the state to prepare a manual acceptable to the State Department of Education and compliant with state codes and requirements. The manual will provide a standardized approach to teaching safety.

SB006463

A Research Proposal to Survey Occupational Buildings and Shop Facilities.
Organization: Weston County School District 1, Newcastle, Wyo.

The purpose of this project is to review existing shop facilities to provide planning for a modern vocational education shop in a rural school district. Project staff, together with a local advisory committee, will survey local educational and industrial needs, make field trips, evaluate relevant information and experience, and prepare a plan. The shop program will include world of work awareness and career orientation, exploration, and skill development.

SB006464

Proposal for Public Relations Film of Occupational Education.
Project Director: Oliver, Daniel R.
Organization: Northwest Community Coll., Powell, Wyo.

This project intends to produce a short film on welding technology for use in public relations. The film will also include an introduction to other areas of college business and occupational programs. The film will be produced using students and local facilities. The production will be supervised by welding and photography instructors.

SB006465

Self Concept and Attitude Change in Eighth Grade Girls After Counselors Implement a Career Education Program.
Project Director: Wingett, Terry J.
Organization: Wyoming Univ., Laramie.

The objective of this program is to improve the self-concept of girls and change their attitudes in a positive direction towards valuing a variety of life styles for women. A program will be designed by the consultant, and a conference will be held to determine the activities of the program. The girls will be pretested, the program will be implemented, and a posttest will be administered to measure the change in attitude.

SB006466

A Study to Design a Computer Program for Analyzing Wyoming Supervised Experience Production Record Books.
Project Director: Durkee, James
Organization: Wyoming Univ., Laramie.

The development of a computerized system of record analysis for students of occupational education in agriculture is the main objective of this project. The project also intends to improve the program of instruction in enterprise analysis. Procedures include hiring an occupational education teacher in agriculture and a computer programmer to work together to design a computer-based program of record analysis.

SB006467

Development of a Model Career Exploration Curriculum, Grades 7-10.
Organization: Wyoming Univ., Laramie

Descriptive information unavailable.

SB006468

A Research Proposal to Survey Occupational Buildings and Shop Facilities.
Organization: Basin School District 17, Wyo.

The purpose of this project is to review existing shop facilities to provide planning for a modern vocational education shop in a rural school district. Project staff, together with a local advisory committee, will survey local educational and industrial needs, make field trips, evaluate relevant information and experience, and prepare a plan. The shop program will include world of work awareness and career orientation, exploration, and skill development.

SB006469

A Research Proposal to Survey Occupational Buildings and Shop Facilities.
Organization: Pine Bluffs School District 2, Wyo.

The purpose of this project is to review existing shop facilities to provide planning for a modern vocational education shop in a rural school district. Project staff, together with a local advisory committee, will survey local educational and industrial needs, make field trips, evaluate relevant information and experience, and prepare a plan. The shop program will include world of work awareness and career orientation, exploration, and skill development.

SB006470 VTP-1376

Lander Valley High School Business Occupational Study.
Project Director: Schlegel, James M.
Organization: Lander Valley High School, Wyo.
Funding Period: Start Date 1 Aug 73; End Date 30 Jun 74

A three-phase survey of former and present students and the business community will provide data to assist the business department and the high school in evaluation through PPBS (Planning, Programming, Budget System). The surveys will be conducted to provide data correlating course selection and business success, accumulate data concerning career objectives, and give indications of employment and needed skills. These needs will be correlated with high school course selections and offered programs.

Fiscal Year 1975

SB006471 VTP-1377

A Research Proposal to Survey Occupational Buildings and Shop Facilities.
Project Director: Smith, Charles
Organization: Pine Bluffs School District 2, Wyo.
Funding Period: Start Date 1 Nov 73; End Date 30 Jun 74

The objectives of this project are to review modern shop facilities, plan for the development of new shop facilities, and review current trends in vocational education curricula which meet the career needs of the students in the district. In the review and survey of new shops, field trips will be taken by school faculty and board members. A facilities, equipment, and curriculum report will be prepared to determine the local business and industry needs relative to the vocational education program.

SB006472

Summer Diversified Occupational Program.
Project Director: McIntosh, William T.
Organization: Teton County School District 1, Jackson, Wyo.
Funding Period: Start Date 9 Jun 75; End Date 30 Jul 75

The purpose of this project is to provide a vocational occupational experience for students who are college bound. Procedures include exposing students to an occupational environment, familiarizing them with available occupations, helping them develop good work habits, and helping them make vocational choices.

SB006473

A Dissemination System for Agribusiness Occupational Education.
Project Director: Merideth, Millard
Organization: Converse County School District 1, Douglas, Wyo.
Funding Period: Start Date 1 Jul 74; End Date 30 Jun 75

This project will develop a system for disseminating ideas, techniques, and procedures in agribusiness occupational education. The system will be designed to increase the rate of adoption of new and innovative teaching, counseling, and leadership practices. Information collected and made available on agribusiness programs will be disseminated state-wide.

SB006474

Comprehensive Occupational Study Program.
Organization: Goshen County School District, Torrington, Wyo.

Descriptive information unavailable.

SB006475

Evaluation of Small Community Vocational Education Programs and Preparation of Functional Farm and Ranch Vocational Education Program.
Project Director: Hale, Hal M.
Organization: Sheridan County School District 3, Clearmont, Wyo.
Funding Period: Start Date 1 Oct 74; End Date 30 Jun 75

This project plans to research and develop a functional prevocational program for junior high youth and a vocational program for secondary youth. The programs will include curriculums in career education, home economics, and farm and ranch operations geared

to both long-term broad educational objectives and skills needed for practical living. A committee will visit schools, survey programs, and prepare recommendations for program content. A three-year equipment procurement plan to make best use of rural school facilities will be developed.

SB006476

Survey Occupational Buildings and Shop Facilities.
Project Director: Seyfang, John H.
Organization: Washakie County School District 1, Worland, Wyo.
Funding Period: Start Date 12 Aug 74; End Date 24 Jan 75

The two main objectives of this project are to visit existing industrial and vocational education shop facilities and seek qualified experts to assist in program and facility planning. A committee will advise school board members on desirable features for inclusion in a shop and will develop a plan for an occupational education building with shop facilities. The recommendations will be based on data gathered through survey and site visits.

SB006477

Mini-Workshop in Elementary Constructional Career Education.
Project Director: Burns, Ken
Organization: Laramie County Community Coll., Cheyenne, Wyo.
Funding Period: Start Date 28 Aug 74; End Date 30 Jun 75

This project intends to fund two-day mini-workshops around the state for elementary school teachers. The workshops will inform teachers about aspects of contemporary technology and technological change and how this relates to the modern world. In addition, the workshops will provide teachers with model constructional activities for classroom implementation and develop teacher knowledge and skills in using these activities.

Fiscal Year 1976

SB006478

Wyoming Vocational/Occupational Educations Research Project.
Project Director: Durkee, Jim
Organization: Wyoming Univ., Laramie. Coll. of Education.
Funding Period: Start Date 1 Oct 75; End Date 30 Jun 76

To develop an organized system of research activity for vocational and occupational education in Wyoming, this project's objectives include developing a list of needed research activities for the State Department of Education, promotion and follow-up studies of former vocational education students, and evaluating current manpower opportunities and studies.

SB006479

Community Food Services.
Organization: Wyoming Univ., Laramie.
Descriptive information unavailable.

Fiscal Year 1977

SB006480 VTP-2893

Wyoming Vocational/Occupational Education Research Project.
Project Director: Durkee, Jim
Organization: Wyoming Univ., Laramie. Coll. of Education. Dept. of Vocational Education.
Funding Period: Start Date 30 Sep 76; End Date 1 Oct 77

The project's purpose is to develop an organized system of research activities for vocational/occupational education for Wyoming. Procedures will include (1) developing a list of needed research activities for the State Department of Education and the Department of Vocational Education, (2) promoting and conducting follow-up studies of former vocational/occupational education students, (3) evaluating current manpower opportunities studies, (4) coordinating these programs with training programs, and (5) conducting necessary research activities for program planning and evaluation.

SB006481 VTP-2908

Wyoming Vocational/Occupational Education Research Project.
Project Director: Durkee, Jim
Organization: Wyoming Univ., Laramie. Coll. of Education. Dept. of Vocational Education.
Funding Period: Start Date 30 Sep 76; End Date 1 Oct 77

The purpose of the project is to develop an organized system of research activities for vocational/occupational education in Wyoming. Procedures will include (1) developing a list of needed research activities for the State Department of Education and the Department of Vocational Education, (2) conducting follow-up studies of former vocational/occupational education students, (3) evaluating current manpower opportunities and studies and coordinating them with training programs, and (4) conducting necessary research activities for program planning and evaluation.

Part D

Fiscal Year 1970

SB006482

Planetarium Technology.
Organization: Casper High School, Wyo.
Descriptive information unavailable.

SB006483

Western Wyoming Board of Cooperative Occupational Services.
Organization: Western Wyoming Coll., Rock Springs.
Descriptive information unavailable.

SB006484

Comprehensive Career Education.
Organization: Riverton School District 25, Wyo.
Descriptive information unavailable.

Fiscal Year 1971

SB006485

Comprehensive Career Education.
Organization: Riverton School District 25, Wyo.
Descriptive information unavailable.

SB006486

Career Education Planning.
Organization: Laramie Junior High School, Cheyenne, Wyo.
Descriptive information unavailable.

SB006487

Comprehensive Career Education.
Organization: Rawlins School District 1, Wyo.
Descriptive information unavailable.

SB006488

Cosmetology for a Rural School.
Organization: Huntley High School, Wyo.
Descriptive information unavailable.

SB006489

Career Orientation.
Organization: Cheyenne Junior High School, Wyo.
Descriptive information unavailable.

SB006490

World of Work Awareness for Elementary Students.
Organization: Rock Springs School District 1, Wyo.

594

Descriptive information unavailable.

Fiscal Year 1972

SB006491

Exemplary Farm Mechanics.
Organization: Sheridan Public School System, Wyo.
Descriptive information unavailable.

SB006492

A Proposal for a Construction (Carpentry) Program at Riverton High School in School District #25.
Organization: Riverton School District, Wyo.
Descriptive information unavailable.

SB006493

A Proposal for an Auto Mechanics Program at Riverton High School in School District No. 25.
Organization: Riverton School District, Wyo.
Descriptive information unavailable.

SB006494

A Proposal for a Graphics Program at Riverton High School in School District No. 25.
Organization: Riverton School District, Wyo.
Descriptive information unavailable.

SB006495

Food Service Orientation for Special Needs Students.
Organization: Cheyenne Junior High School, Wyo.
Descriptive information unavailable.

SB006496

A Pre-Cooperative Occupational Education Program Involving a Community Resource Faculty.
Organization: Cody Junior High School School District 6, Wyo.
Descriptive information unavailable.

SB006497

Individualized Career Exploration.
Project Director: Harkins, Harwin
Organization: Torrington Junior High School District 3, Wyo.
Objectives of this project for ninth grade students are to help students complete work on Career Experience Kits and show increased consistency between career choice and career interests and corresponding job activities as indicated by two OVIS tests. Learning activities will include field trips and hands-on experiences when possible.

SB006498

The Everyday World of Work.
Organization: Kemmerer School District Number One, Wyo.
Descriptive information unavailable.

SB006499

Broadening Urban Exposure and Experience for Students in a Remote Area.
Organization: Pinedale School District 1, Wyo.
Descriptive information unavailable.

SB006500

Graphic Communications.
Organization: Lovell School District 3, Wyo.
Descriptive information unavailable.

SB006501

Graphic Arts (Printing) Cluster.
Organization: Carbon County School District 3, Rawlins, Wyo.
Descriptive information unavailable.

SB006502

Vocational Graphic Communication and Offset Reproduction.
Organization: Platte County School District 1, Wheatland, Wyo.
Descriptive information unavailable.

SB006503

Comprehensive Vocational Education Program.
Project Director: Lindsey, Mervin J.
Organization: Hot Springs County School District 1, Wyo.
Funding Period: Start Date 1 Jul 72; End Date 1 Jul 75
The purposes of the project are to enable students to express a knowledge and opinion of occupational areas and the requirements of each, demonstrate an increased desire to work in a job where they have discovered an interest, and demonstrate an awareness of using the skills learned in school in actual job situations. Interviewing surveys will be administered at the beginning and end of the year, a job values test will be developed, and schools will keep records of the number of students requesting employment.

SB006504

Career Home Economics.
Organization: Farson High School, Wyo.
Descriptive information unavailable.

Fiscal Year 1973

SB006505

Junior High Job Exploration Unit.
Organization: Rawlins School District, Wyo.
Descriptive information unavailable.

SB006506

Industrial Occupational Exploration.
Organization: Jeffrey City School District, Wyo.
Descriptive information unavailable.

SB006507

Rural Industrial Occupations.
Project Director: Hodgson, Richard G.
Organization: Dubois City School District 2, Wyo.
Funding Period: Start Date 30 Jul 72; End Date 30 May 75
The objectives of this project are to explore the organization, raw materials, processes and operations, products, and occupations of American industry; increase consumer knowledges on how to buy, use, and maintain the products; develop safe working practices; develop the ability to express and interpret mechanical drawings; create a positive self-concept; and develop basic job entry skills. A laboratory will be set up to explore the industrial world and use the facilities so that students in the woods, crafts, power and transportation, and welding areas will receive information and develop employability skills.

SB006508

Exemplary Welding, Exemplary Building Trades.
Organization: Riverton School District, Wyo.
Descriptive information unavailable.

SB006509

Individualized Career Exploration.
Project Director: Harkins, Harwin
Organization: Goshen County Unified School District 1, Wyo.
Funding Period: Start Date 26 May 72; End Date 26 May 73
Objectives of this project for ninth grade students are to help students complete work on Career Experience Kits and show increased consistency between career choice and career interests and corresponding job activities as indicated by two OVIS tests. Learning

activities will include field trips and hands-on experiences when possible.

SB006510

A Program for Occupational Orientation Skill Development, and Job Placement.
Organization: Kemmerer School District, Wyo.
Descriptive information unavailable.

SB006511 **VTP-1394**

K-12 Career Education.
Project Director: McGrew, Elwin F.
Organization: Sweetwater County School District 1, Rock Springs, Wyo.
Funding Period: Start Date 1 Sep 72; End Date 30 Jun 75

The objectives of this project are to develop a program to supplement the college-oriented program and guide students into areas related to their interests and abilities and develop this career education so handicapped and disadvantaged students have an opportunity for success. The project will provide staff extensive training, build proper student attitudes toward work, make high school student aides available, and build a success-oriented program.

SB006512

Development of a Model Career Education Facility and Related Curriculum.
Organization: Wyoming Univ., Laramie.
Descriptive information unavailable.

SB006513

Comprehensive Career Education.
Organization: Powell School District, Wyo.
Descriptive information unavailable.

Fiscal Year 1974

SB006514 **VTP-1397**

People and Technology.
Project Director: Pagel, Betty Lou
Organization: Laramie County School District 1, Cheyenne, Wyo.
Funding Period: Start Date 10 Oct 73; End Date 7 Jun 74

The objective of this study is to help students see the need to direct technology in ways beneficial to humankind; learn some ways they can act to support their views; and develop attitudes of openness, cooperativeness, and intellectual independence. The activities include the use of the inquiry method, the use of tools invented by the students, the manipulation and construction of materials and models, exploration of the community, and decision making.

SB006515 **VTP-1398**

People and Technology.
Project Director: Pierce, Fred
Organization: Natrona County School District 1, Casper, Wyo.
Funding Period: Start Date 1 Nov 73; End Date 31 May 74

The objective of this project is to conduct a course, People and Technology, which will allow students to investigate the use of technology in their communities and develop research, data analysis, and decision-making skills. Students will be involved in case studies which will include such activities as reading, writing, research, discussing, making predictions, film viewing, listening, and sharing in small group interaction.

SB006516

Individualized Career Exploration.
Project Director: Harkins, Harwin
Organization: Goshen County Unified School District 1, Wyo.

Objectives of this project for ninth grade students are to help students complete work on Career Experience Kits and show increased consistency between career choice and career interests and corresponding job activities as indicated by two OVIS tests. Learning activities will include field trips and hands-on experiences when possible.

SB006517 **VTP-1400**

Exemplary Occupational Education Program.
Project Director: Simmons, Hugh
Organization: Lincoln County School District 1, Kemmerer, Wyo.
Funding Period: Start Date 10 Sep 73; End Date 10 Sep 74

The aims of this project are to give career guidance to all students in grades K-12, involve the school staff and community resources in orientation, give each individual an opportunity to choose a career, involve students in their career development, and provide students with practical experiences in the community. The procedures include discussing the concept with the entire teaching staff, selecting a faculty planning team and consultant, developing a needs assessment program, and preparing a one-week workshop.

SB006518 **VTP-1386**

Building Trades Technology.
Project Director: Svalstad, Alvin B.
Organization: Teton County School District 1, Jackson, Wyo.
Funding Period: Start Date 30 Jul 73; End Date 30 May 76

The objectives of the project are to develop an understanding of the trades, acquaint the student with accepted techniques, develop the ability to construct a small building, develop the ability to interpret construction and blueprint details, develop safe working habits, understand the principles of hand and power tools used in building, give the student the opportunity to study carpentry, and develop the basic skills needed in construction. To carry out this program, a qualified instructor and high school students will completely build a building which is commensurate with their ability and skills.

SB006519 **VTP-1392**

Career Orientation-Exploration.
Project Director: Klements, William J.
Organization: Converse County School District 1, Douglas, Wyo.
Funding Period: Start Date 1 Jul 73; End Date 30 Jun 74

Objectives of this project are to expose students in grades 7-9 to career exploration, provide activities to create self-awareness and practice in decision making, provide students with insights to career interests, and acquire specific job entry skills. In a three year period, students will be introduced to the universality of work and the concept of work in other cultures, explore the fifteen major occupational groups, and study specific jobs. Ninth graders will complete a decision-making program and research three occupational areas of their choice.

SB006520 **VTP-1393**

Developing Cooperative Experience Programs and Stations for Vocational Agriculture Students.
Project Director: Jensen, Merritt B.
Organization: Laramie County School District 1, Cheyenne, Wyo.
Funding Period: Start Date 1 Sep 73; End Date 1 Sep 76

The aims of this project are to develop the facilities of the district farm laboratory for students to raise livestock; seek out, develop, and use community work stations; and develop an area and acquire the machinery for training students in ranch hand skills.

SB006521 **VTP-1395**

Rural Industrial Occupations.
Project Director: Hodgson, Richard G.
Organization: Dubois City School District 2, Wyo.
Funding Period: Start Date 30 Jul 72; End Date 30 May 75

The objectives of this project are to explore the organization, raw materials, processes and operations, products, and occupations of American industry; increase consumer knowledges on how to buy, use, and maintain the products; develop safe working practices; develop the ability to express and interpret mechanical drawings; create a positive self-concept; and develop basic job entry skills. A laboratory will be set up to explore the industrial world and use the facilities so that students in the woods, crafts, power and transportation, and welding areas will receive information and develop employability skills.

SB006522

Phase II Comprehensive Career Education, Grades K-12.
Descriptive information unavailable.

SB006523 VTP-1396

Comprehensive Vocational Education Program.
Project Director: Lindsey, Mervin J.
Organization: Hot Springs County School District 1, Wyo.
Funding Period: Start Date 1 Jul 72; End Date 1 Jul 75

The purposes of the project are to enable students to express a knowledge and opinion of occupational areas and the requirements of each, demonstrate an increased desire to work in a job where they have discovered an interest, and demonstrate an awareness of using the skills learned in school in actual job situations. Interviewing surveys will be administered at the beginning and end of the year, a job values test will be developed, and schools will keep records of the number of students requesting employment.

SB006524

Comprehensive Career Education, Grades 1-12.
Descriptive information unavailable.

SB006525 VTP-1391

Occupational Education Program.
Project Director: Ragan, Dennis
Organization: Converse County School District 2, Glenrock, Wyo.
Funding Period: Start Date 1 Sep 73; End Date 30 May 74

The objectives are to orient the staff to occupational education, inform and involve the community, provide more real world experiences, develop and implement occupational materials, provide for the career guidance needs of students, and extend the expertise gained to other schools. Teachers and teams will visit schools which have implemented elements of the program; consultants will visit schools to work with the teachers; ERIC facilities will be used; and job experience programs and summer workshops will be implemented.

Fiscal Year 1975

SB006526

Career Education.
Organization: Goshen County School District, Torrington, Wyo.
Descriptive information unavailable.

SB006527

Comp. Career Education (2nd year).
Organization: Park County School District, Powell, Wyo.
Descriptive information unavailable.

SB006528

Comp. Career Education (2nd year).
Organization: Sweetwater County School District, Rock Springs, Wyo.
Descriptive information unavailable.

SB006529 VTP-1399

People and Technology.
Project Director: Prevedel, Frank
Organization: Sweetwater County School District 1, Rock Springs, Wyo.
Funding Period: Start Date 20 Oct 73; End Date 7 Jun 74

The purposes of the project are to help students see the need to direct the beneficial use of technology, stress the importance of technology to humanity, and learn to weigh the pros and cons of what human beings can produce through technology. Activities include use of the inquiry method, case studies, manipulation and construction of materials and models, community exploration, and decision making.

SB006530

Occupational Education Program.
Organization: Converse County School District, Glenrock, Wyo.
Descriptive information unavailable.

SB006531

Comp. Career Education.
Organization: Lincoln County School District, Kemmerer, Wyo.
Descriptive information unavailable.

SB006532

Career Education-Handicapped.
Organization: Albany County School District, Laramie, Wyo.
Descriptive information unavailable.

SB006533

Satellite Media for Disadvantaged.
Organization: Carbon County School District, Rawlins, Wyo.
Descriptive information unavailable.

SB006534

Career Education.
Organization: Converse County School District, Glenrock, Wyo.
Descriptive information unavailable.

SB006535

Pre-Vocational Program.
Organization: Fremont County School District, Dubois, Wyo.
Descriptive information unavailable.

SB006536

Ag-Careers.
Organization: Laramie County School District, Cheyenne, Wyo.
Descriptive information unavailable.

SB006537

Career Education Coordinator.
Organization: Natrona County School District, Casper, Wyo.
Descriptive information unavailable.

SB006538

Career Education.
Organization: Natrona County School District, Casper, Wyo.
Descriptive information unavailable.

SB006539

Nurse's Aide Training Program.
Organization: Natrona County School District, Casper, Wyo.
Descriptive information unavailable.

SB006540

Career Education.
Organization: Park County School District, Powell, Wyo.
Descriptive information unavailable.

SB006541

Comp. Career Education.
Organization: Park County School District, Powell, Wyo.
Descriptive information unavailable.

SB006542

Summer Career Project.
Organization: Park County School District, Powell, Wyo.
Descriptive information unavailable.

SB006543

Career Education.
Organization: Sweetwater County School District, Rock Springs, Wyo.
Descriptive information unavailable.

SB006544

Industrial Tech.
Organization: Western Wyoming Coll., Rock Springs.
Descriptive information unavailable.

Fiscal Year 1976

SB006545

Computer Accounting.
Organization: Albany County School District 1, Laramie, Wyo.
Descriptive information unavailable.

SB006546

Telephone Skills Development.
Organization: Albany County School District 1, Laramie, Wyo.
Descriptive information unavailable.

SB006547

Career Education Project.
Organization: Albany County School District 1, Laramie, Wyo.
Descriptive information unavailable.

SB006548

Comprehensive Integrated Career Education.
Organization: Big Horn County School District 2, Lovell, Wyo.
Descriptive information unavailable.

SB006549

Trades and Industry Implementation.
Organization: Carbon County School District 1, Baggs, Wyo.
Descriptive information unavailable.

SB006550

Community Resources Trainee Pilot Program.
Organization: Carbon County School District 1, Baggs, Wyo.
Descriptive information unavailable.

SB006551

Career Education Resource Center.
Organization: Crook County School District 1, Sundance, Wyo.
Descriptive information unavailable.

SB006552

Career Agricultural Lab.
Organization: Lander Valley High School District, Wyo.
Descriptive information unavailable.

SB006553 VTP-2816

Community Resource Trainee (Continuation).
Project Director: Miller, Gerry
Organization: Hot Springs County High School, Thermopolis, Wyo.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of the project is to deliver alternative vocational services to students using an individualized instruction program. Training and experience on a one-to-one, trainer-student basis will be provided, using community trainers who will work with a coordinator to provide the students with a saleable skill. A coordinator will set up a training station for whatever vocational area the student has an interest in and for which a qualified instructor is available. The coordinator will work with the community trainer to determine what skills are necessary to complete the job required and set up a training schedule.

SB006554

Coop. Experience Programs Vocational Agricultural Students.
Organization: Laramie County School District 1, Cheyenne, Wyo.
Descriptive information unavailable.

SB006555

Career Education.
Organization: Lander Valley High School District, Wyo.
Descriptive information unavailable.

SB006556

Career Education Coordinator.
Organization: Natrona County School District 1, Casper, Wyo.
Descriptive information unavailable.

SB006557

Career Preparation–Welding.
Organization: Platte County School District 2, Guernsey, Wyo.
Descriptive information unavailable.

SB006558

Career Education.
Organization: Sheridan County School District 2, Wyo.
Descriptive information unavailable.

SB006559

Career Preparation–Welding.
Organization: Weston County School District 7, Upton, Wyo.
Descriptive information unavailable.

SB006560

Community Occupational Program.
Organization: Northwest Community Coll., Powell, Wyo.
Descriptive information unavailable.

SB006561

Photography.
Organization: Northwest Community Coll., Powell, Wyo.
Descriptive information unavailable.

SB006562

AV Tutorial-Secr., Steno and Related.
Organization: Western Wyoming Coll., Rock Springs.
Descriptive information unavailable.

SB006563

Local Vocational Education Directors Planning-Evaluating Workshop.
Organization: Wyoming Univ., Laramie.
Descriptive information unavailable.

Fiscal Year 1977

SB006564

A Young Farmers Program for Laramie County.
Project Director: Burns, Ken
Organization: Laramie County Community Coll., Cheyenne, Wyo.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77

The purpose of this project is to implement a Laramie County young farmers program based on input from a pilot study done by Laramie County Community College. A curriculum based on a comprehensive survey done among young farmers of Laramie County earlier will be taught. The objectives of the young farmers program include developing the skills necessary to successfully operate agribusinesses, farms, and ranches through ongoing education; developing the concept of program coordinator; and developing a model.

SB006565 VTP-2820

Tongue River Community Resource Training Program.
Project Director: Siebenaler, Anne
Organization: Sheridan County School District 1, Ranchester, Wyo.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The project's purpose is to deliver vocational services to youth of Tongue River High School, which does not have the resources to provide personnel, facilities, or equipment essential for specialized vocational education offerings. Instruction will be provided on a one-to-one student-teacher basis using community volunteers as trainers. Students will be provided with at least one saleable skill prior to completion of high school.

SB006566

Operations Staff Training.
Project Director: Elliott, Michael J.
Organization: Wyoming Univ., Laramie. Coll. of Education.
Funding Period: Start Date 1 Oct 76; End Date 30 Sep 77

The purpose of this project is to provide four local education agencies, two university personnel, and four State Department of Education participants with the minimum essential skills required to operate and deliver the NWREL/EBCE program to students. The component will consist of seven major units: overview of EBCE program, student recruitment and selection, the curriculum path, program objectives, student accountability system, project method, and process for providing credentials to students.

SB006567 VTP-2892

Community Resource Training Program in Big Horn.
Project Director: Miller, Virginia
Organization: Ranchester School District 1 West, Wyo.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of the project is to extend the vocational classroom into a community where it is not feasible to offer a variety of vocational courses and enable each student to be guided by a professionally trained community volunteer. Specific objectives are to provide personnel, facilities, or equipment essential for specialized occupational training; provide a certified vocational coordinator, representing the school district, to develop and aid in the delivery of the behavioral objectives established within a training plan; and provide students with at least one saleable skill prior to completion of high school.

SB006568 VTP-2218

Experience Based Career Education (EBCE) Model.
Project Director: Deaver, Jim
Organization: Albany County School District 1, Laramie, Wyo.
Funding Period: Start Date 1 Aug 76; End Date 30 Jun 77

The intent of this project is to provide an optional learning program for fifteen selected students at Laramie Senior High School, develop an occupational program based on community supported activities for selected students, develop and adopt at least ten competencies needed by students after leaving high school, and organize a network of community resources for selected students to gain actual occupational experiences. A community advisory committee will be formed.

SB006569 VTP-2817

Community Resource Training.
Project Director: Simmons, Hugh G.
Organization: W. Wesley Morrow High School, Baggs, Wyo.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The objectives of the project are to provide personnel, facilities, or equipment essential for specialized occupational training; aid career education in schools where the preparation phase in vocational education is limited; provide instruction on a one-to-one teacher-student basis, using community resource volunteers as the trainers; and provide students with at least one saleable skill prior to completion of high school.

SB006570

Continuation of Pilot Program for the Community Resource Trainee Concept.
Project Director: Miller, Gerry
Organization: Hot Springs County High School, Thermopolis, Wyo.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of the project is to deliver vocational services to students in an individualized program which provides instruction, training, and experience on a one-to-one, trainer-to-student basis. The program will make use of community trainers who work closely with a coordinator to provide the student with a saleable skill. A program coordinator will help set up learning stations and work with the community trainers.

SB006571

Pine Bluffs Community Resource Training Program.
Project Director: Henretty, Thomas A.
Organization: Laramie County School District 2, Cheyenne, Wyo.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The objectives of this project include providing personnel, facilities, or equipment essential for specialized occupational training; aiding the cause of career education in schools where the preparation phase in vocational education is limited; and using community volunteers as resource trainers for individualized instruction.

SB006572 VTP-2891

Community Resource Trainee (CRT).
Project Director: Haderlie, Gale
Organization: Lincoln County School District 2, Afton, Wyo.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The purpose of the project is to develop an occupational program for vocational students in small, rural, and isolated schools or in large schools which cannot provide the training and skills needed for the broad spectrum of occupations in Wyoming. Procedures will include developing a task analysis to determine entry-level skills for various occupations; developing learning activities which will provide students with knowledge, skills, and competencies required to achieve the behavioral objectives of the course; and recycling students through the same set of learning activities until the needed competencies are achieved.

SB006573 VTP-2815

Community Resource Program in Career Education.
Project Director: Bocott, Carlroy
Organization: Natrona County School District 1, Casper, Wyo.
Funding Period: Start Date 16 Aug 76; End Date 15 Jun 77

The purpose of this project is to establish a Community Resources Center staffed by a facilitator and half-time secretary to collect and disseminate career information and coordinate career education activities involving the school district, the community, business, and industry. The center staff will arrange guest speakers, tours, field trips, and advisory committee meetings; prepare news releases; set up workshops and inservice programs; and develop slide presentations.

SB006574 VTP-2819

Implementing Career Education in Crook County School District No. 1.
Project Director: Cameron, Robert
Organization: Crook County School District 1, Sundance, Wyo.
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 77

The intent of this project is to purchase career education materials, provide inservice and out-of-district workshops for K-12 instructors, and implement a K-12 career education curriculum development plan. Project staff will appoint a career education committee to examine available materials, conduct a needs assessment, and integrate new materials into the existing curriculum at all levels in all areas.

AMERICAN SAMOA

Part C

Fiscal Years 1971-1974 - No Projects Reported

Fiscal Year 1975

SB006575

Combine with Part D to form Career Guidance Project.
Organization: American Samoa Community Coll., Pago Pago. Board of Higher Education.
Descriptive information unavailable.

Fiscal Years 1976-1977 - No Projects Reported

Part D

Fiscal Years 1970-1974 - No Projects Reported

Fiscal Year 1975

SB006576

Career Guidance Project.
Organization: American Samoa Community Coll., Pago Pago. Board of Higher Education.
Descriptive information unavailable.

Fiscal Years 1976-1977 - No Projects Reported

GUAM

Part C

Fiscal Years 1971-1974 - No Projects Reported

Fiscal Year 1975

SB006577

Career Resource Centers for Junior High Schools.
Organization: Guam Dept. of Education, Agana.
Descriptive information unavailable.

Fiscal Years 1976-1977 - No Projects Reported

Part D

Fiscal Years 1970-1974 - No Projects Reported

Fiscal Year 1975

SB006578

Career Awareness Package for Elementary and Secondary (CAPES).
Organization: Guam Dept. of Education, Agana.
Descriptive information unavailable.

Fiscal Year 1976 - No Projects Reported

Fiscal Year 1977

SB006579

Community Board Building Maintenance Mechanics Training Updated.
Organization: Guam Dept. of Education, Agana.
Descriptive information unavailable.

PUERTO RICO

Part C

Fiscal Years 1971-1972 - No Projects Reported

Fiscal Year 1973

SB006580

Development of a Pharmacist Assistant Curriculum for the Health Related Occupations.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006581

Followup of Vocational Technical Education Courses, 1971-72.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006582

Curriculum Development Basic to the Training of Individuals for Employment in Agri-Business.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006583

Study of the Effectiveness of a Televised Course on Automobile Electromechanics.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006584

To Adapt and Implement the Industrial Arts Curriculum Project (IACP) Course "The World of Construction in Twelve Rural Junior High Schools."
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006585

Expansion of Job-Placement and Followup Study of Graduates of Occupational Education Courses in Home Economics in Puerto Rico, 1970-71 and 1971-72.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006586

Plan of Evaluation of the Business Education Program in Mayaguez Region.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006587

Study for Training Needs for Specialized Vocational Agriculture in Puerto Rico.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006588

Study to Evaluate Students' Achievement in the Different Business Subjects at the Mayaguez Educational Region.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006589

Proposal for the Development of Guides and Tests for Self-Study in Business Education for Youths and Adults.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006590

Business Vocabulary Count in Spanish.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

Fiscal Year 1974

SB006591

Establishment of a Management Control System at the Vocational and Technical Education Program Using the PERT Technique.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006592

Follow-Up of Graduates of Vocational and Technical Education Programs 1972-73.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006593

Effectiveness of the Business Education Program in Preparing Students for Employment in the Caguas Region.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006594

Development of a Pharmacist Assistant Curriculum for the Health Related Occupations Program.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006595

Curriculum Development Basic to the Training of Individuals for Employment in Agri-Business.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006596

Evaluation of the Home Economics Occupational Education Program in Puerto Rico.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006597

Study of the Training Needs of Specialized Vocational Agriculture in Puerto Rico.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006598

Study to Evaluate Students' Achievement in the Different Business Subjects at the Mayaguez Educational Region.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006599

Development of Guides and Tests for Self-Study in Business Education for Youth and Adults.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006600

Study of Consumer Patterns of Puerto Rican Families.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006601

Study of Business Vocabulary Count in Spanish.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006602

Preparation of a Document Reformulating Policy and Strategy for the Vocational Technical Education Program of the Commonwealth Department of Education.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006603

Manpower Occupational Demand Analysis in Puerto Rico.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

Fiscal Year 1975

SB006604

No Title Available.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006605

Included in the Administration Budget of the RCU to Complete Administration Expenses.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006606

Added to the Budget of the Project for the Establishment of a Management Control System for the Vocational and Technical Education Program.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006607

Increased and Maintained Support of the Research Coordinating Unit to Continue Providing for Research and Research Related Activities, Exemplary and Pilot Projects, Curriculum Development, Planning and Reports and Data Analysis.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006608

Conducted a Follow-Up Study of Vocational and Technical Education Graduates, 1973-74.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006609

Conducted an Evaluation Study of the Health Related Occupations Program in Terms of an Occupational Labor Market Analysis for Training Needs and Curriculum Development.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006610

Concluded the Project Business Vocabulary Count in the Spanish Language.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006611

Continued Phase II of the Project Establishment of a Management Control System for the Vocational and Technical Education Program using the PERT Technique.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006612

Continued Occupational Demand Analysis and Occupational Enrollment Projections in Terms of Occupational Demand for the Vocational and Technical Education Programs.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006613

Continued the Study of Training Needs for Specialized Vocational Agriculture in Puerto Rico.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.

Descriptive information unavailable.

SB006614

Continued Supporting Preservice and Inservice Training Programs for Professional Development of Vocational Personnel.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

Fiscal Year 1976

SB006615

Research Coordinating Unit Support.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006616

Research Coordinating Unit Support.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006617

Research Coordinating Unit Support.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006618

Research Project to Provide the R.C.U. with Capability for Retrieval and Utilization of Computer Data Required for Planning and Evaluation.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006619

Continue the Research Project: Establishment of a Management Control System (PERT) for All Vocational and Technical Education Programs.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006620

Continue the Research Project: Establishment of a Management Control System (PERT) for All Vocational and Technical Education Programs.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006621

Analysis of Occupational Demand and Occupational Enrollment Projections for the Vocational and Technical Education Program.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006622

Analysis of Occupational Demand and Occupational Enrollment Projections for the Vocational and Technical Education Program.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006623

Study on Training Needs for Specialized Vocational Agriculture in Puerto Rico (P.R. North East, Center portion, and P.R. South East).
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006624

Study on Training Needs for Specialized Vocational Agriculture in Puerto Rico (P.R. North East, Center portion, and P.R. South East).
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006625

Conduct a Computerized Follow-Up Study of Vocational and Technical Education Graduates, 1974-75.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006626

Study of Vocational Physical Facilities on the Island of Puerto Rico.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

Fiscal Year 1977

SB006627

Administration of Exemplary Projects (RCU Personnel).
Organization: Puerto Rico State Dept. of Education, Hato Rey.
Descriptive information unavailable.

SB006628

Organizations of Model Demonstration Centers for Observation of Techniques in Individualized Instruction in Occupational Education.
Organization: Puerto Rico State Dept. of Education, Hato Rey.
Descriptive information unavailable.

SB006629

Enrichment of the Vocational Education Curricula Through the Use of the Television Media in the Curricula.
Organization: Puerto Rico State Dept. of Education, Hato Rey.
Descriptive information unavailable.

Part D

Fiscal Year 1973

SB006630

Training of Disadvantaged Youngsters of Modern Agriculture, for the Production, Collection, Classification, Packing, and Coop Marketing of Vegetables and Minor Crops.
Organization: Puerto Rico State Dept. of Education, Hato Rey.
Descriptive information unavailable.

SB006631

Model State Curriculum Center.
Organization: Puerto Rico State Dept. of Education, Hato Rey.
Descriptive information unavailable.

SB006632

Career Education Program in Palmarejo.
Organization: Puerto Rico State Dept. of Education, Hato Rey.
Descriptive information unavailable.

SB006633

Evaluation Project of Business and Distributive Education.
Organization: Puerto Rico State Dept. of Education, Hato Rey.
Descriptive information unavailable.

SB006634

Development of Textbooks for Distributive Education.
Organization: Puerto Rico State Dept. of Education, Hato Rey.
Descriptive information unavailable.

Fiscal Year 1974

SB006635

A Model State Pedagogical Resources Center for Designing, Revising, and Disseminating Teaching Audiovisual and Other Educational Materials for Students of Regular, Special, and Post-Secondary Programs for Vocational and Technical Education.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006636

Career Education Program at Palmarejo Rural Second Unit in Lajas.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006637

The Training of Disadvantaged and Unemployed Youngsters on Methods and Techniques of Modern Agriculture for the Production, Collection, Classification, Packing and Cooperative Marketing of Vegetables and Minor Crops.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006638

Evaluation of the Business Education and Distribution and Marketing Education Program.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

SB006639

Development of the Student Textbook in Principles of Selling for the Distribution and Marketing Education Program.
Organization: Puerto Rico State Dept. of Public Instruction, Hato Rey.
Descriptive information unavailable.

Fiscal Year 1975

SB006640

Maintained Partial Support of Research Coordinating Unit to Continue Providing Support to Exemplary and Pilot Projects, Curriculum Development, and Coordination of Related Activities.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006641

Supported Projects Aimed to Design, Produce, Revise, Test, and Disseminate Curriculum, Media and other Educational Materials for All Vocational Education Programs for the Extended Calendar School Year.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006642

Expansion of the Exemplary Project-Model State Pedagogical Resources Center.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006643

Pharmacist Assistants.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006644

Guides and Test for Self-Study in Office Education.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006645

Areas of Contruction, Manufacturing, and Services for Vocational Industrial Education.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006646

Agri-Business.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006647

Teaching Modules in Consumer Education.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006648

Jewelry, Hardware, Home Furnishing, Real Estate, Ticket Agent, and Automobile Parts.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006649

Two Student Manuals in Principles of Selling for the Secondary Level and Materials for Adult Classes in Distribution and Marketing.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006650

A Set of Modules in the Area of Communications for Industrial Arts Junior High School Students.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006651

Monies Were Assigned to the Following Projects and Purposes.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006652

Utilized for Administration Purposes at the RCU Budget.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006653

Used to Complete the Project for the Development of the Textbook "Principles of Selling" in Spanish.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006654

Utilized in Contracting Part-Time Personnel for the Curriculum Development Project Geared at the Development of Teaching Modules for all Vocational Education Programs to be Used in the Extended Calendar School Year.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006655

Assigned to the Pilot Project for the Establishment of an Adult Agribusiness Educational Center at Naranjito.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

Fiscal Year 1976

SB006656

Research Coordinating Unit Support.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006657

Organize Model Demonstration and Observation Centers in Individualized Instruction for Occupational Education in the following Area Vocational Schools: Guayama, Mayaguez, Miguel Such and Carolina.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

SB006658

Enrichment of the Vocational Education Curricula Through the Use of Television Media.
Organization: Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational, Technical, and High Skills Education Programs.
Descriptive information unavailable.

Fiscal Year 1977

SB006659

Research Coordinating Unit Administrative Expense.
Organization: Puerto Rico State Dept. of Education, Hato Rey.
Descriptive information unavailable.

SB006660

Follow-Up of Graduates.
Organization: Puerto Rico State Dept. of Education, Hato Rey.
Descriptive information unavailable.

SB006661

Establishment of a Management Control System (PERT).
Organization: Puerto Rico State Dept. of Education, Hato Rey.
Descriptive information unavailable.

SB006662

Occupational Supply and Demand Analysis Study.
Organization: Puerto Rico State Dept. of Education, Hato Rey.
Descriptive information unavailable.

SB006663

Study on Training Needs on Specialized Vocational Agriculture.
Organization: Puerto Rico State Dept. of Education, Hato Rey.
Descriptive information unavailable.

SB006664

Program's Facilities Analysis.
Organization: Puerto Rico State Dept. of Education, Hato Rey.
Descriptive information unavailable.

TRUST TERRITORY

Part C

Fiscal Years 1971-1973 - No Projects

Fiscal Year 1974

SE006665 **VTP-1630**

Identification of Skills Required to Teach Vocational Agriculture in the Trust Territory.
Project Director: Baker, Neal
Organization: Trust Territory of the Pacific Islands Dept. of Education, Saipan.
Funding Period: Start Date 5 Jun 74; End Date 5 Dec 75

The aim of this project is to identify skills required to teach vocational agriculture in grades 10, 11, and 12 in the Trust Territory. The total plan includes the identification of crops that can be successfully grown, gathering information needed to produce those crops, and writing the curriculum required to teach production of the crops. Because farming in Micronesia is very different from the United States, a team that can write the curriculum for plant agriculture with authenticity is necessary.

Fiscal Year 1975

SB006666

Tropical Horticulture for Secondary Schools, Text Book.
Project Director: Soucie, Edward A.
Organization: Ponape Agriculture and Trade School, T.T.

The purpose of this project is to produce a two-volume textbook, the first to deal with basic principles of vegetable crop production, the second with the major subsistence crops of Micronesia. Book One will include choosing a site, planting, nurturing, and pest control. Book Two will be primarily a source book for teachers on raising taro, breadfruit, coconut, banana, cassava, sweet potato, and yam.

Fiscal Years 1976-1977 - No Projects Reported

Part D

Fiscal Years 1970-1973 - No Projects Reported

Fiscal Year 1974

SB006667

Tropical Horticulture for Secondary Schools, Text Book.
Project Director: Soucie, Edward A.
Organization: Ponape Agriculture and Trade School, T.T.

The purpose of this project is to produce a two-volume textbook, the first to deal with basic principles of vegetable crop production, the second with the major subsistence crops of Micronesia. Book One will include choosing a site, planting, nurturing, and pest control. Book Two will be primarily a source book for teachers on raising taro, breadfruit, coconut, banana, cassava, sweet potato, and yam.

Fiscal Year 1975

SB006668

Tropical Horticulture for Secondary Schools, Text Book.
Project Director: Soucie, Edward A.
Organization: Ponape Agriculture and Trade School, T.T.

The purpose of this project is to produce a two-volume textbook, the first to deal with basic principles of vegetable crop production, the second with the major subsistence crops of Micronesia. Book One will include choosing a site, planting, nurturing, and pest control. Book Two will be primarily a source book for teachers on raising taro, breadfruit, coconut, banana, cassava, sweet potato, and yam.

Fiscal Years 1976-1977 - No Projects Reported

VIRGIN ISLANDS

Parts C & D
Fiscal Years 1970-1977
No Projects Reported

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